

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAMTM1795

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'REGISTRY' AT 12:53:40 ON 01 OCT 2009  
FILE 'REGISTRY' ENTERED AT 12:53:40 ON 01 OCT 2009  
COPYRIGHT (C) 2009 American Chemical Society (ACS)  
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	186.36	565.06

=> file registry  
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	186.36	565.06

FILE 'REGISTRY' ENTERED AT 12:53:57 ON 01 OCT 2009  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 29 SEP 2009 HIGHEST RN 1186580-18-6  
DICTIONARY FILE UPDATES: 29 SEP 2009 HIGHEST RN 1186580-18-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

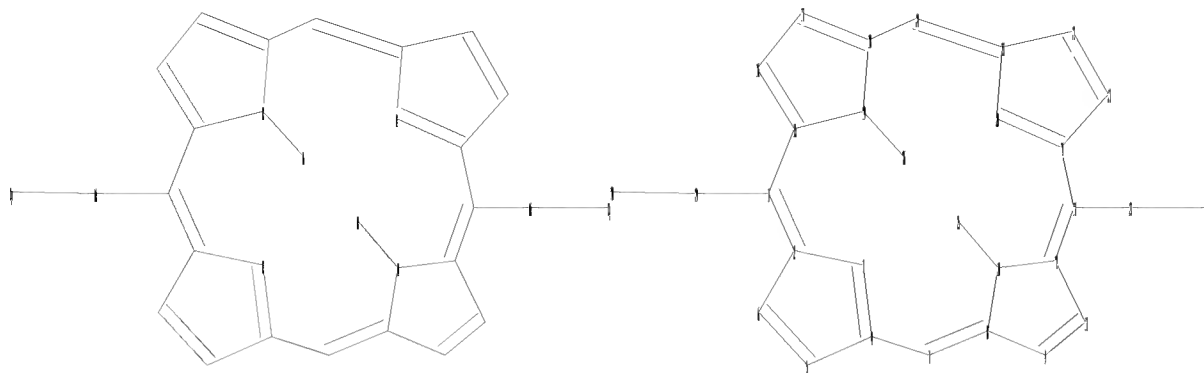
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\cot.str



```

chain nodes :
25 26 27 28 29 30
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
24
chain bonds :
1-29 10-25 13-27 19-26 27-28 29-30
ring bonds :
1-15 1-2 2-3 2-6 3-4 4-5 4-7 5-6 7-8 8-9 8-10 9-11 10-12 11-12 12-13
13-14 14-20 14-23 15-16 15-19 16-17 17-18 18-19 18-24 20-21 21-22 21-24
22-23
exact/norm bonds :
1-29 8-10 10-12 13-27 15-19 18-19 27-28 29-30
exact bonds :
10-25 19-26
normalized bonds :
1-15 1-2 2-3 2-6 3-4 4-5 4-7 5-6 7-8 8-9 9-11 11-12 12-13 13-14 14-20
14-23 15-16 16-17 17-18 18-24 20-21 21-22 21-24 22-23

```

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:CLASS 26:CLASS 27:CLASS 28:Atom
29:CLASS 30:Atom

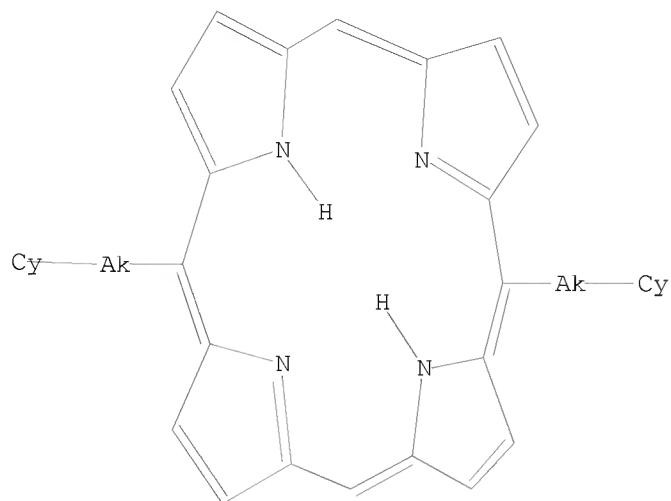
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L11 STRUCTURE UPLOADED

=> d l11

L11 HAS NO ANSWERS

L11 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l11 sss sam

SAMPLE SEARCH INITIATED 12:54:20 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5615 TO ITERATE

35.6% PROCESSED 2000 ITERATIONS

1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 107807 TO 116793

PROJECTED ANSWERS: 1 TO 156

L12 1 SEA SSS SAM L11

=> s l1 sss full

FULL SEARCH INITIATED 12:54:26 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 122 TO ITERATE

100.0% PROCESSED 122 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L13 0 SEA SSS FUL L1

=> s l11 sss full

FULL SEARCH INITIATED 12:54:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 113064 TO ITERATE

100.0% PROCESSED 113064 ITERATIONS

171 ANSWERS

SEARCH TIME: 00.00.02

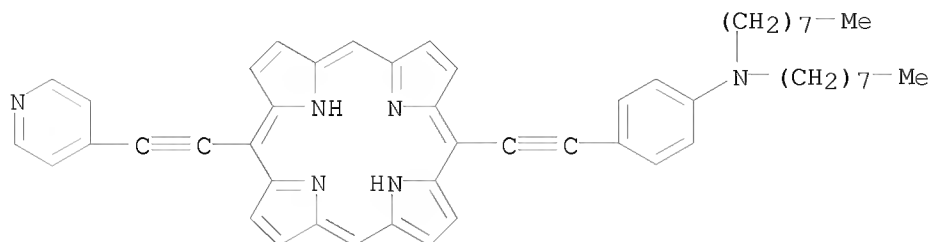
L14 171 SEA SSS FUL L11

=> d l14 1-171

L14 ANSWER 1 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1161942-49-9 REGISTRY

ED Entered STN: 13 Jul 2009  
 CN Benzenamine, N,N-dioctyl-4-[2-[15-[2-(4-pyridinyl)ethynyl]-21H,23H-porphin-5-yl]ethynyl]- (CA INDEX NAME)  
 MF C51 H54 N6  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

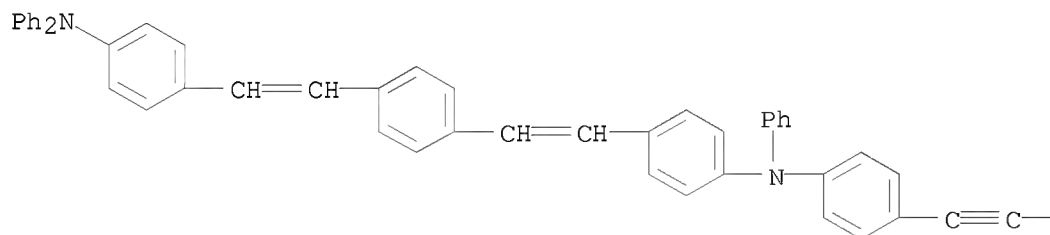


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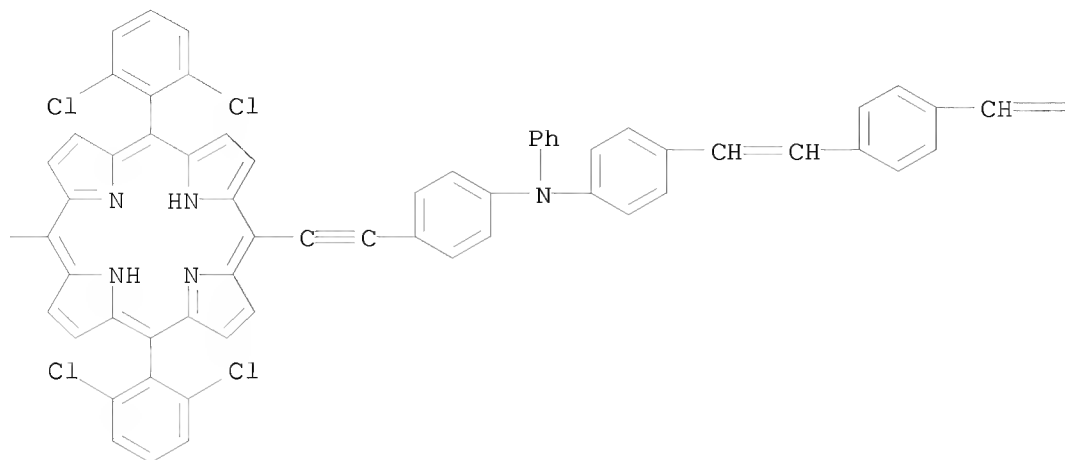
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 2 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
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 ED Entered STN: 29 May 2009  
 CN Benzenamine, 4,4'-[[10,20-bis(2,6-dichlorophenyl)-21H,23H-porphine-5,15-diyl]di-2,1-ethynediyl]bis[N-[4-[2-[4-[2-[4-(diphenylamino)phenyl]ethenyl]phenyl]ethenyl]phenyl]-N-phenyl]- (CA INDEX NAME)  
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 SR CA  
 LC STN Files: CA, CAPLUS

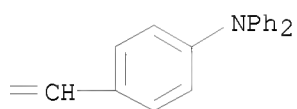
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PAGE 1-B



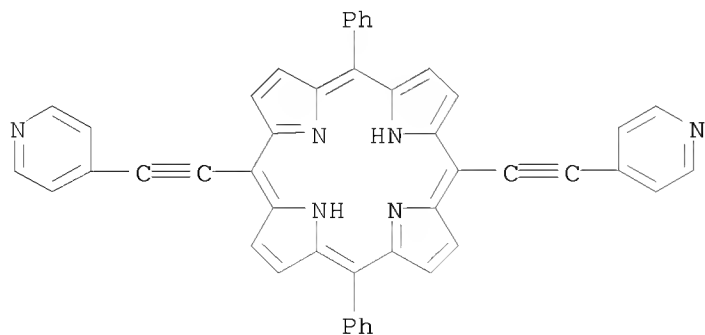
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

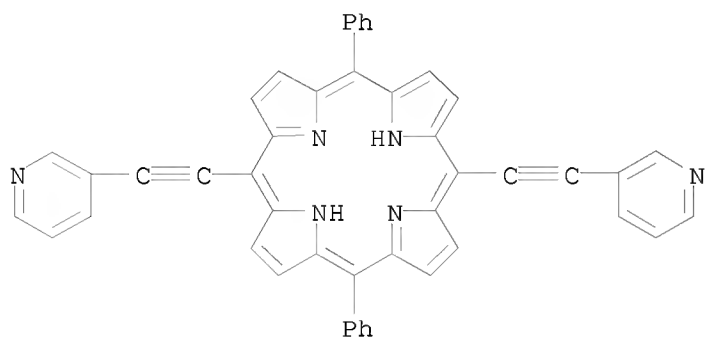
L14 ANSWER 3 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1146967-10-3 REGISTRY  
ED Entered STN: 15 May 2009  
CN 21H,23H-Porphine, 5,15-diphenyl-10,20-bis[2-(4-pyridinyl)ethynyl]- (CA  
INDEX NAME)  
MF C46 H28 N6  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



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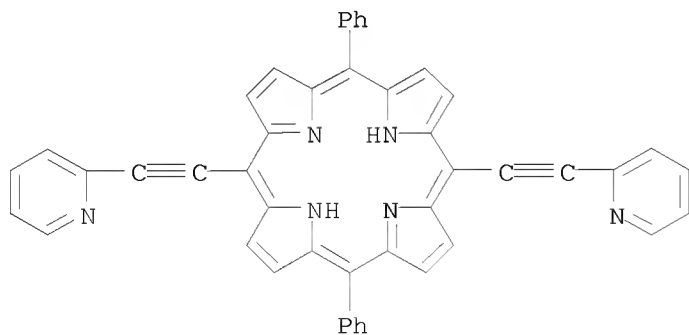
L14 ANSWER 4 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1146967-09-0 REGISTRY  
ED Entered STN: 15 May 2009  
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INDEX NAME)  
MF C46 H28 N6  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 5 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1146967-07-8 REGISTRY  
ED Entered STN: 15 May 2009  
CN 21H,23H-Porphine, 5,15-diphenyl-10,20-bis[2-(2-pyridinyl)ethynyl]- (CA  
INDEX NAME)  
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SR CA  
LC STN Files: CA, CAPLUS, CASREACT



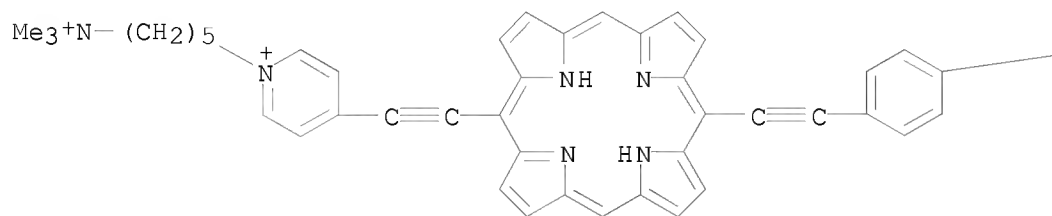
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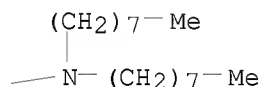
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 6 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1129868-36-5 REGISTRY  
 ED Entered STN: 31 Mar 2009  
 CN Pyridinium, 4-[2-[15-[2-[4-(dioctylamino)phenyl]ethynyl]-21H,23H-porphin-5-yl]ethynyl]-1-[5-(trimethylammonio)pentyl]- (CA INDEX NAME)  
 MF C59 H73 N7  
 CI COM  
 SR CA

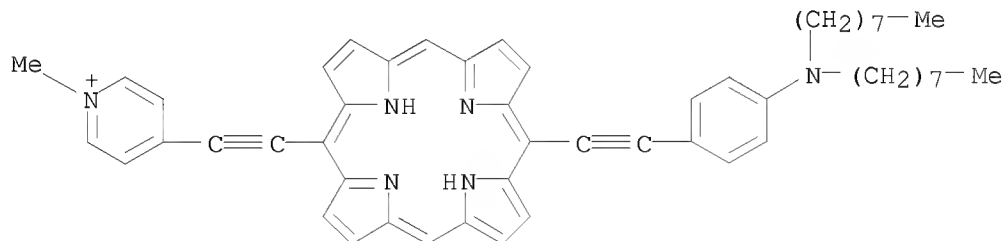
PAGE 1-A



PAGE 1-B



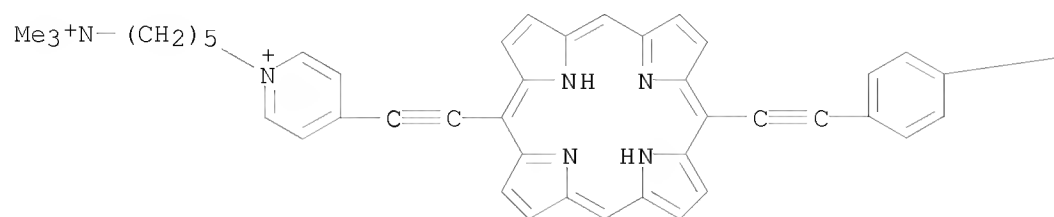
L14 ANSWER 7 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1129868-35-4 REGISTRY  
 ED Entered STN: 31 Mar 2009  
 CN Pyridinium, 4-[2-[15-[2-[4-(dioctylamino)phenyl]ethynyl]-21H,23H-porphin-5-yl]ethynyl]-1-methyl- (CA INDEX NAME)  
 MF C52 H57 N6  
 CI COM  
 SR CA



L14 ANSWER 8 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1129510-73-1 REGISTRY  
 ED Entered STN: 30 Mar 2009  
 CN Pyridinium, 4-[2-[15-[2-[4-(dioctylamino)phenyl]ethynyl]-21H,23H-porphin-5-yl]ethynyl]-1-[5-(trimethylammonio)pentyl]-, chloride (1:2) (CA INDEX NAME)  
 MF C59 H73 N7 . 2 Cl

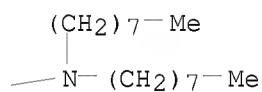
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 CRN (1129868-36-5)

PAGE 1-A



● 2 Cl<sup>-</sup>

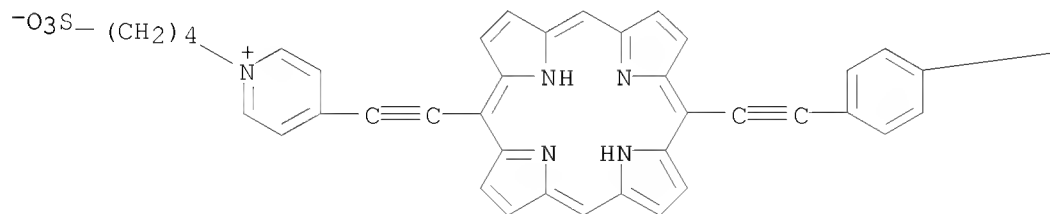
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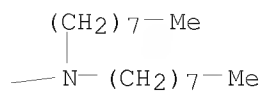
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L14 ANSWER 9 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1129510-71-9 REGISTRY  
 ED Entered STN: 30 Mar 2009  
 CN Pyridinium, 4-[2-[15-[2-[4-(dioctylamino)phenyl]ethynyl]-21H,23H-porphin-5-yl]ethynyl]-1-(4-sulfobutyl)-, inner salt (CA INDEX NAME)  
 MF C55 H62 N6 O3 S  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

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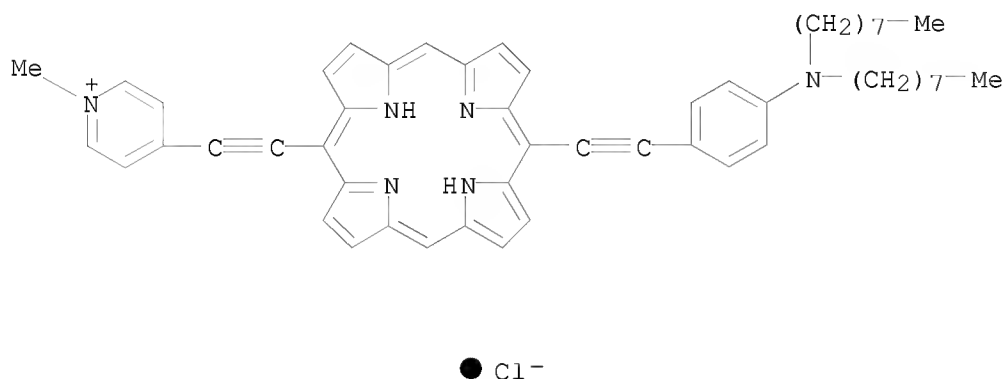
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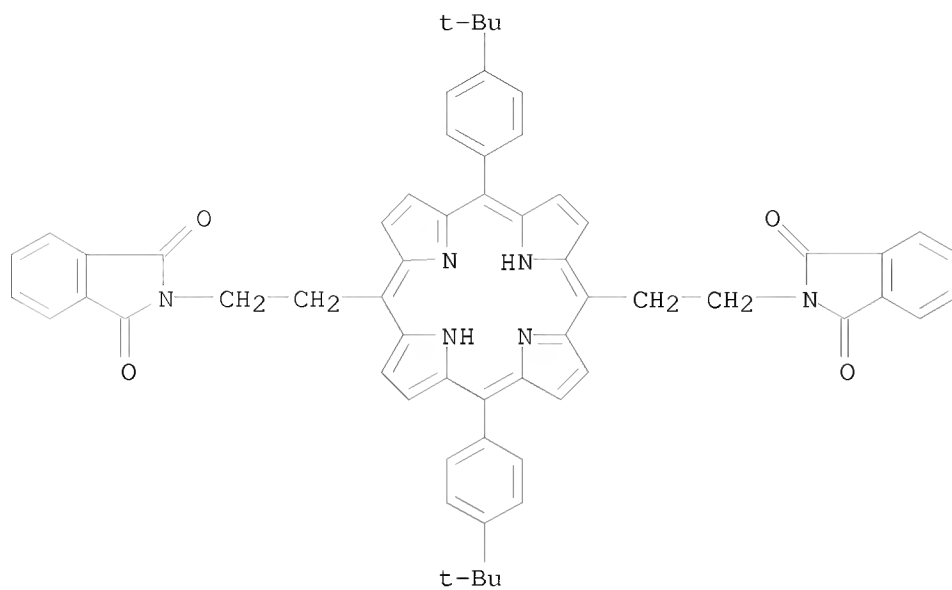
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 10 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1129510-69-5 REGISTRY  
ED Entered STN: 30 Mar 2009  
CN Pyridinium, 4-[2-[15-[2-[4-(dioctylamino)phenyl]ethynyl]-21H,23H-porphin-5-yl]ethynyl]-1-methyl-, chloride (1:1) (CA INDEX NAME)  
MF C52 H57 N6 . Cl  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER  
CRN (1129868-35-4)



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 11 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1113058-71-1 REGISTRY  
ED Entered STN: 01 Mar 2009  
CN 1H-Isoindole-1,3(2H)-dione, 2,2'-[[10,20-bis[4-(1,1-dimethylethyl)phenyl]-21H,23H-porphine-5,15-diyl]di-2,1-ethanediyl]bis- (CA INDEX NAME)  
MF C60 H52 N6 O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
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L14 ANSWER 12 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1113058-70-0 REGISTRY

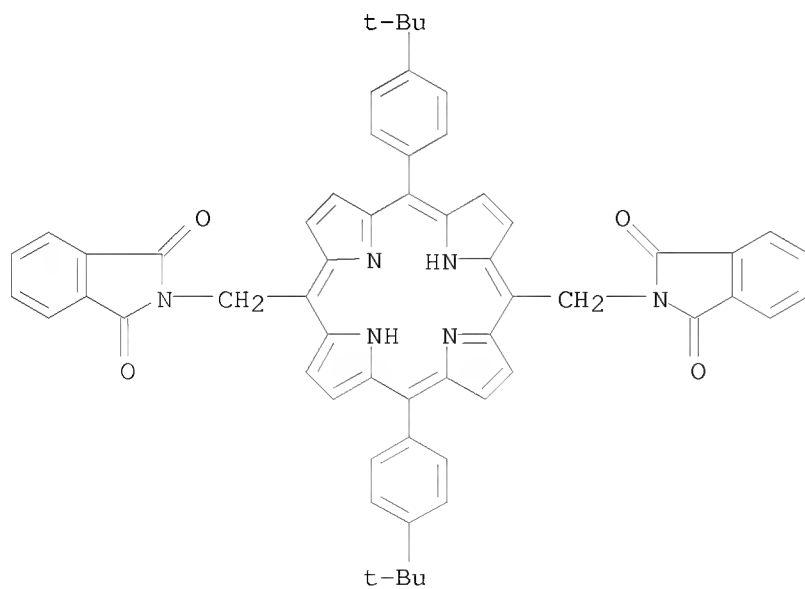
ED Entered STN: 01 Mar 2009

CN 1H-Isoindole-1,3(2H)-dione, 2,2'-[[10,20-bis[4-(1,1-dimethylethyl)phenyl]-21H,23H-porphine-5,15-diyl]bis(methylene)]bis- (CA INDEX NAME)

MF C58 H48 N6 O4

SR CA

LC STN Files: CA, CAPLUS, CASREACT



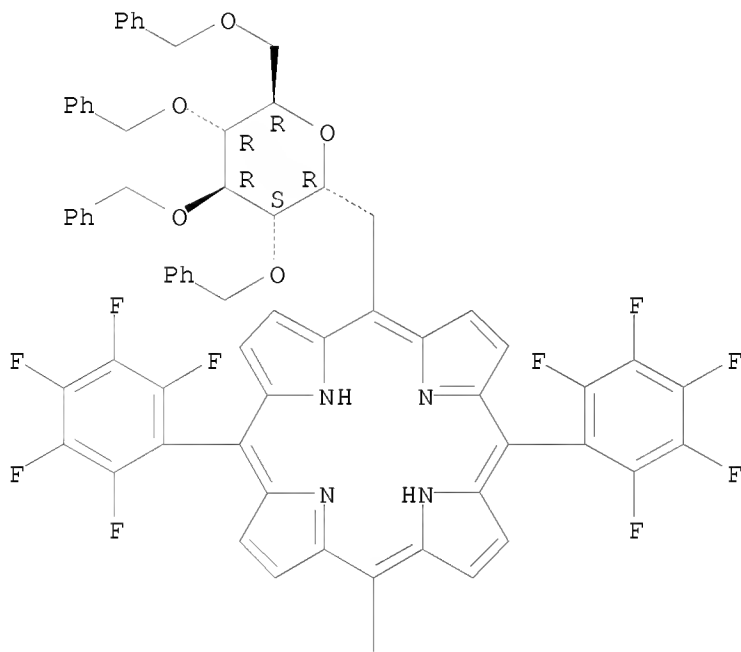
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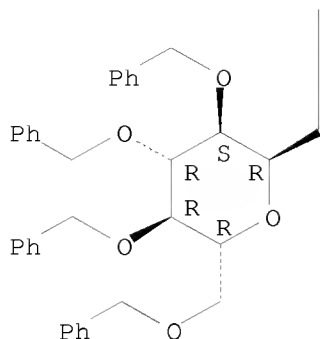
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 13 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1104191-79-8 REGISTRY  
ED Entered STN: 11 Feb 2009  
CN D-glycero-L-gulo-Heptitol, 7,7'-[10,20-bis(2,3,4,5,6-pentafluorophenyl)-  
21H,23H-porphine-5,15-diyl]bis[2,6-anhydro-7-deoxy-1,3,4,5-tetrakis-O-  
(phenylmethyl)- (CA INDEX NAME)  
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LC STN Files: CA, CAPLUS

Absolute stereochemistry.

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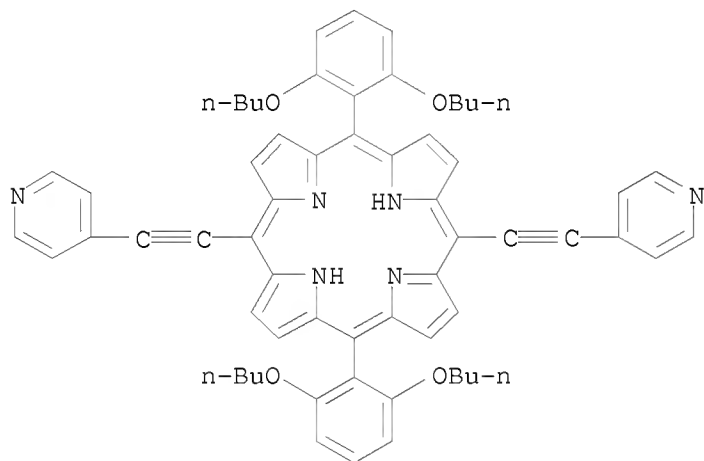




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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CN 21H,23H-Porphine, 5,15-bis(2,6-dibutoxyphenyl)-10,20-bis[2-(4-pyridinyl)ethynyl]- (CA INDEX NAME)  
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SR CA  
LC STN Files: CAPLUS

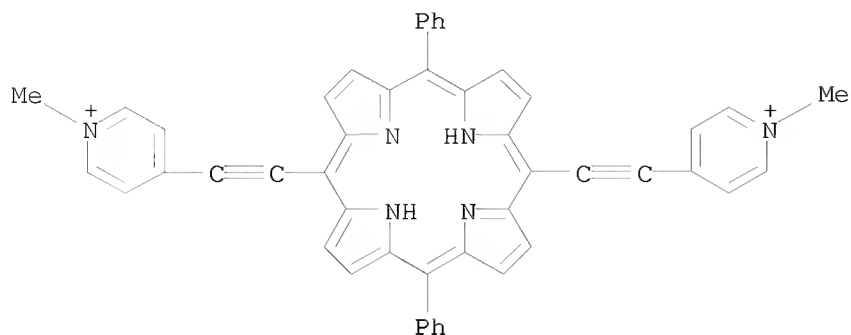


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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L14 ANSWER 15 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1078142-99-0 REGISTRY  
ED Entered STN: 01 Dec 2008  
CN Pyridinium, 4,4'-[(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl-, mono(inner salt) (CA INDEX NAME)  
MF C48 H34 N6  
CI RIS

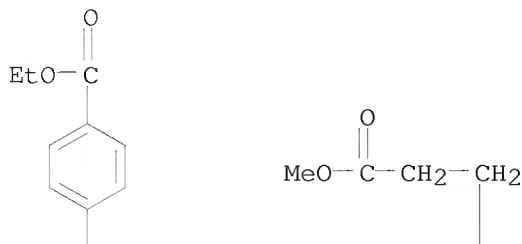
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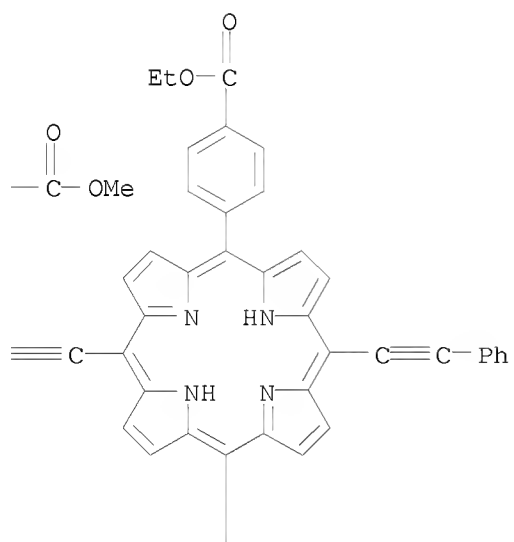
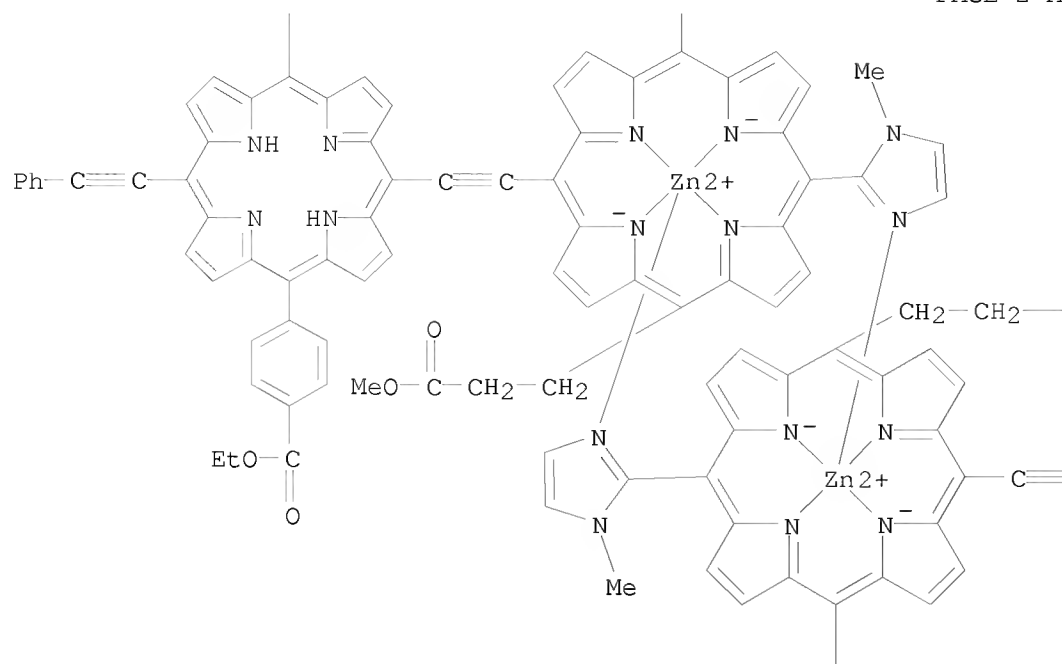


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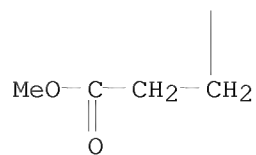
L14 ANSWER 16 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1061234-66-9 REGISTRY  
ED Entered STN: 14 Oct 2008  
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LC STN Files: CA, CAPLUS, CASREACT

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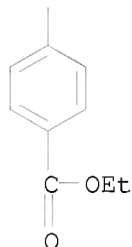




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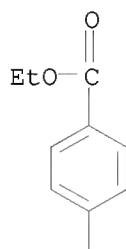


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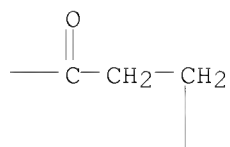
L14 ANSWER 17 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1061234-64-7 REGISTRY  
ED Entered STN: 14 Oct 2008  
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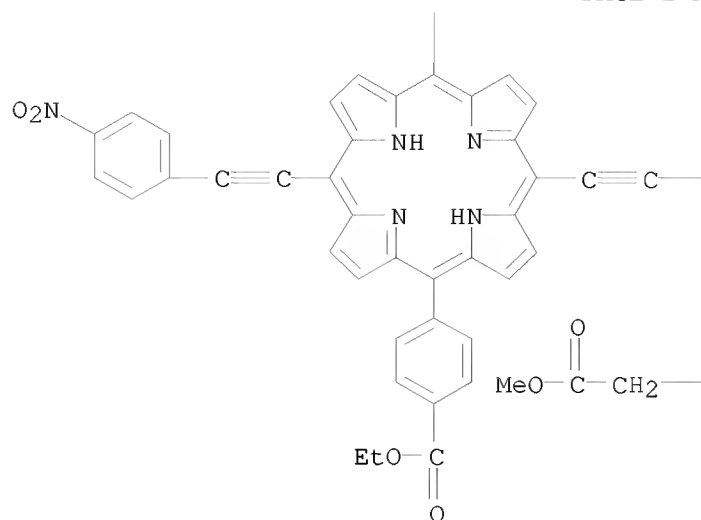
MeO—

PAGE 1-B

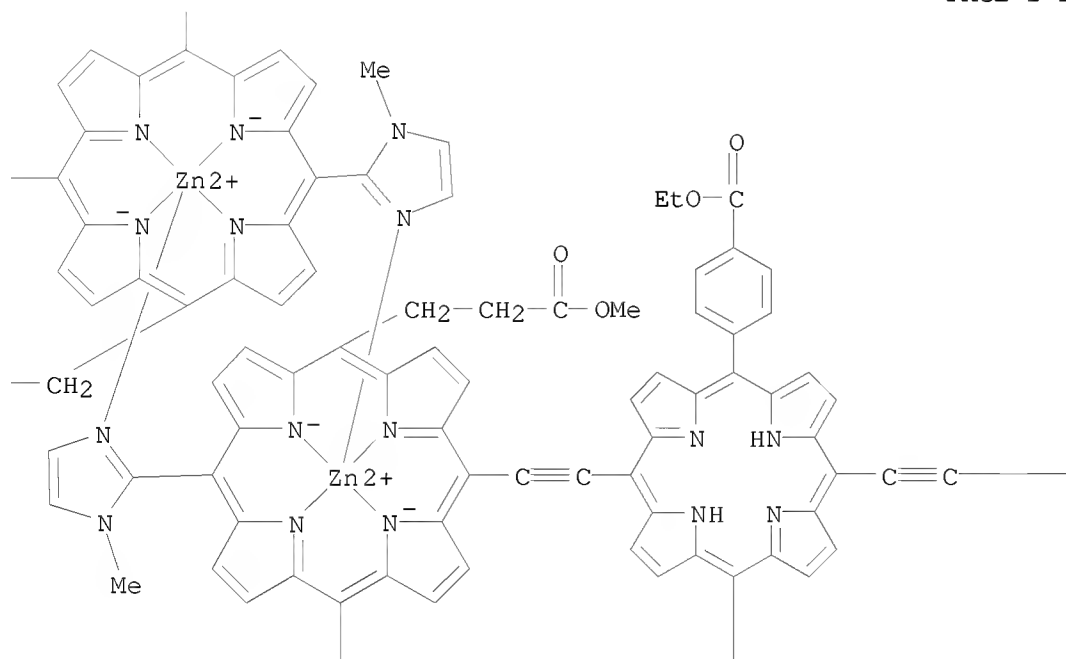


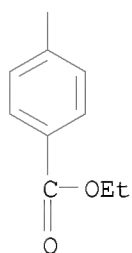
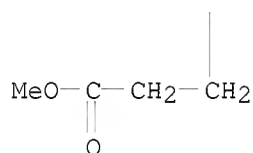
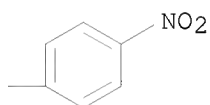


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PAGE 2-B

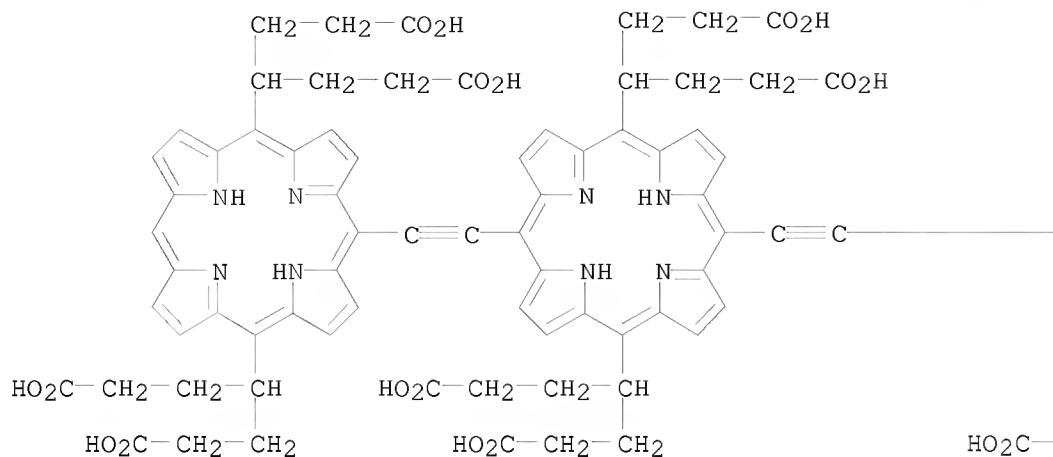




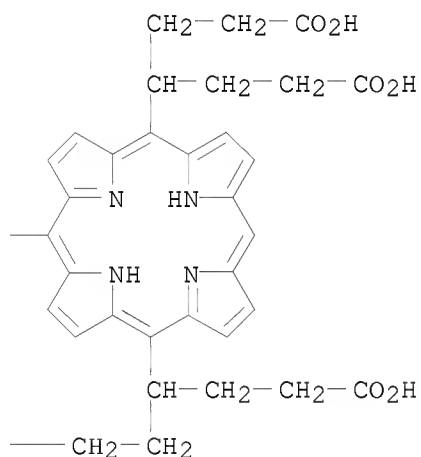
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 18 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1059629-55-8 REGISTRY  
ED Entered STN: 12 Oct 2008  
CN 21H,23H-Porphine-5,15-dibutanoic acid,  
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(CA INDEX NAME)  
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LC STN Files: CA, CAPLUS, TOXCENTER  
CRN (1059629-54-7)



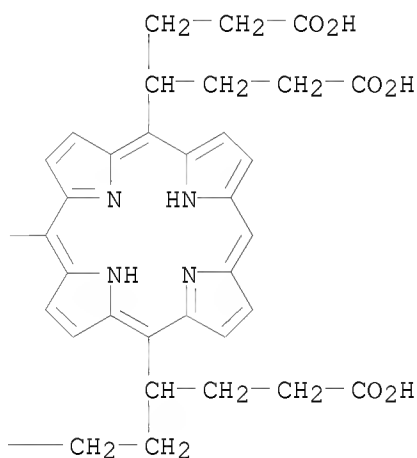
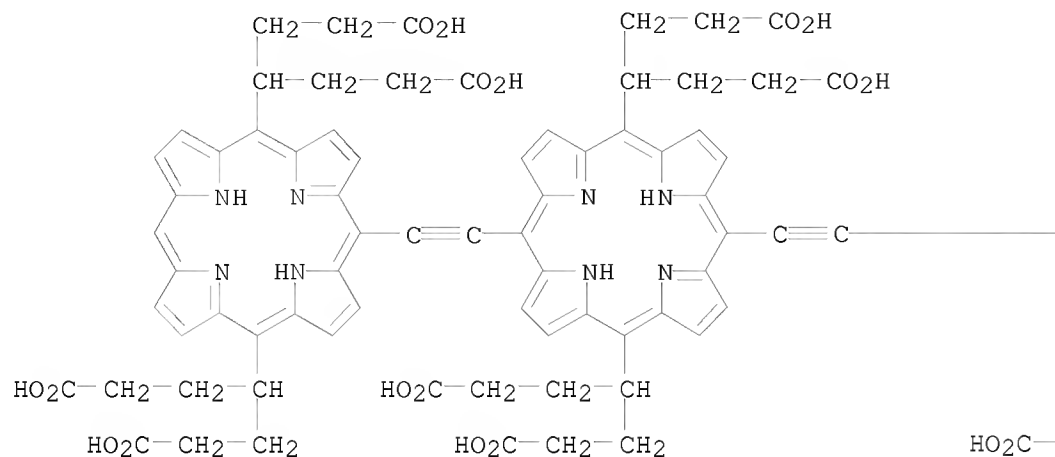
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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

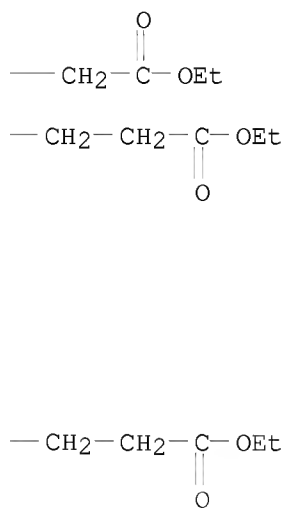
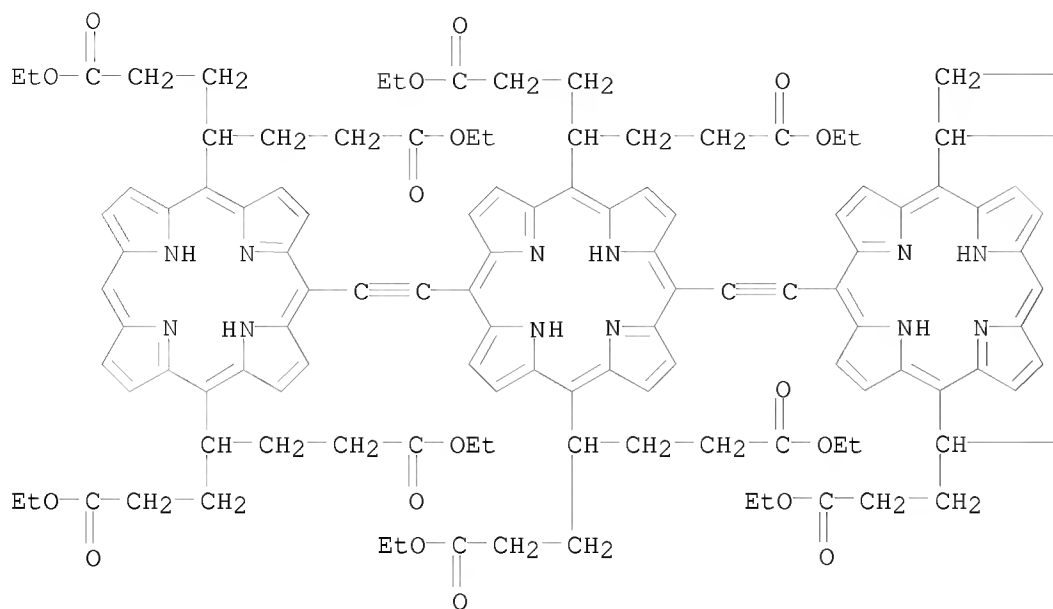
L14 ANSWER 19 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1059629-54-7 REGISTRY  
 ED Entered STN: 12 Oct 2008  
 CN 21H,23H-Porphine-5,15-dibutanoic acid,  
 10,20-bis[2-[10,20-bis[3-carboxy-1-(2-carboxyethyl)propyl]-21H,23H-porphin-  
 5-yl]ethynyl]-γ5,γ15-bis(2-carboxyethyl)- (CA INDEX NAME)  
 MF C106 H98 N12 O24  
 CI COM  
 SR CA



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 20 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1059629-53-6 REGISTRY  
ED Entered STN: 12 Oct 2008  
CN 21H,23H-Porphine-5,15-dibutanoic acid,  
10,20-bis[2-[10,20-bis[4-ethoxy-1-(3-ethoxy-3-oxopropyl)-4-oxobutyl]-  
21H,23H-porphin-5-yl]ethynyl]-γ5,γ15-bis(3-ethoxy-3-oxopropyl)-  
, 5,15-diethyl ester (CA INDEX NAME)  
MF C130 H146 N12 O24  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

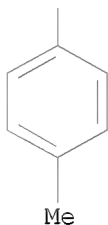
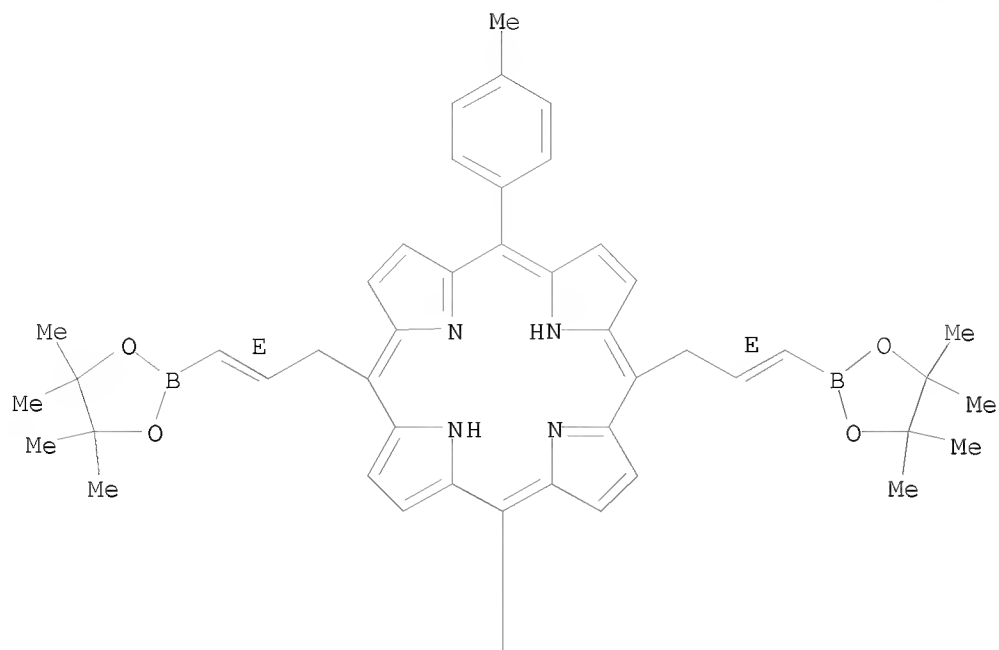
L14 ANSWER 21 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1052717-83-5 REGISTRY  
ED Entered STN: 25 Sep 2008  
CN 21H,23H-Porphine, 5,15-bis(3-methoxyphenyl)-10,20-bis[(2E)-3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2-propen-1-yl]- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C52 H56 B2 N4 O6

Double bond geometry as shown.



```
L14  ANSWER 22 OF 171  REGISTRY  COPYRIGHT 2009 ACS on STN
RN   1052717-77-7  REGISTRY
ED   Entered STN:   25 Sep 2008
CN   21H,23H-Porphine, 5,15-bis(4-methylphenyl)-10,20-bis[(2E)-3-(4,4,5,5-
    tetramethyl-1,3,2-dioxaborolan-2-yl)-2-propen-1-yl]- (CA INDEX NAME)
FS   STEREOSEARCH
MF   C52 H56 B2 N4 O4
SR   CA
LC   STN Files:   CA, CAPLUS, CASREACT
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Double bond geometry as shown.

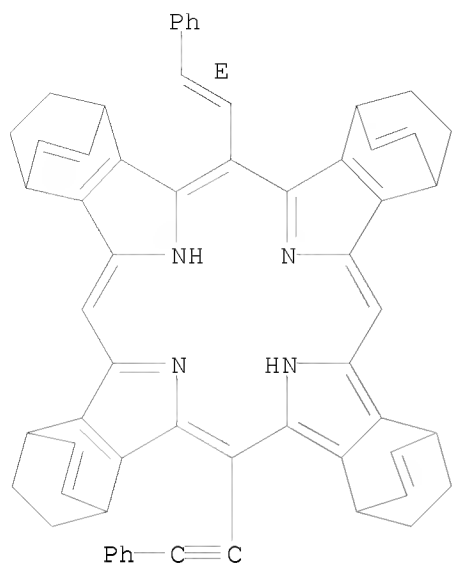


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 23 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1051366-00-7 REGISTRY  
ED Entered STN: 22 Sep 2008  
CN 1,4:8,11:15,18:22,25-Tetraethano-29H,31H-tetrabenzo[b,g,l,q]porphine,  
1,4,8,11,15,18,22,25-octahydro-6-[(1E)-2-phenylethenyl]-20-(2-  
phenylethynyl)- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C60 H48 N4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

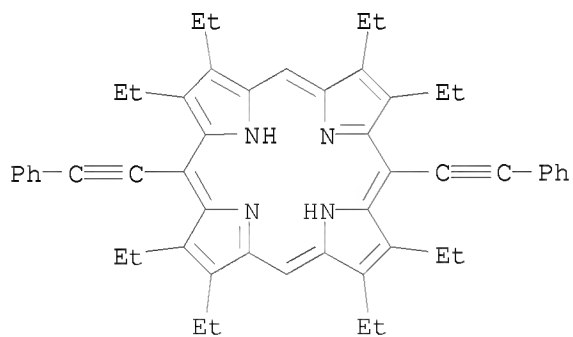
Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 24 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1049811-47-3 REGISTRY  
ED Entered STN: 17 Sep 2008  
CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis(2-phenylethynyl)-  
(CA INDEX NAME)  
MF C52 H54 N4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

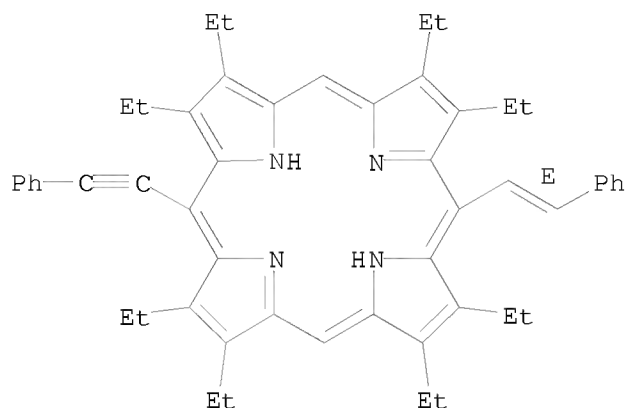
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 25 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1049811-44-0 REGISTRY  
ED Entered STN: 17 Sep 2008  
CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5-[(1E)-2-phenylethenyl]-



15-(2-phenylethynyl)- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C52 H56 N4  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

Double bond geometry as shown.

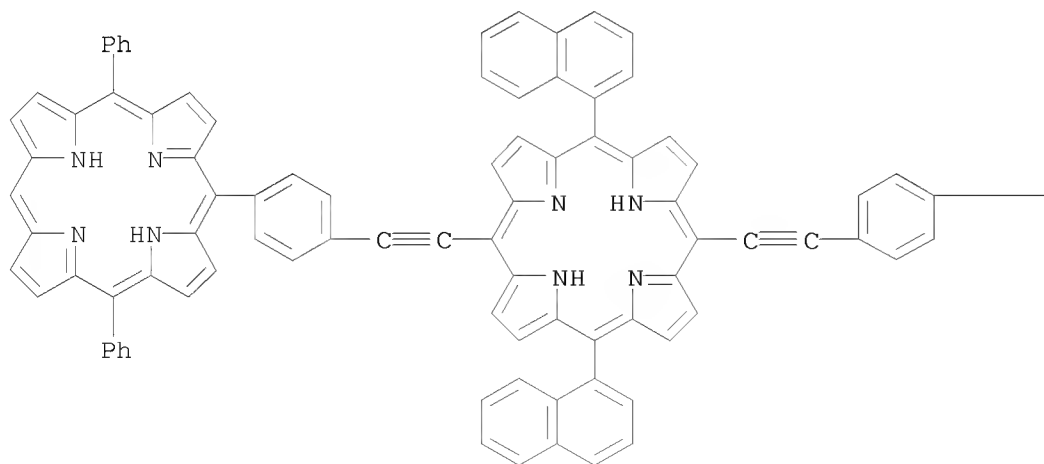


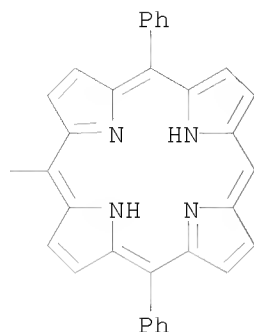
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 26 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 1021870-62-1 REGISTRY  
 ED Entered STN: 22 May 2008  
 CN 21H,23H-Porphine, 5,15-bis[2-[4-(10,20-diphenyl-21H,23H-porphin-5-yl)phenyl]ethynyl]-10,20-di-1-naphthalenyl- (CA INDEX NAME)  
 MF C120 H74 N12  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

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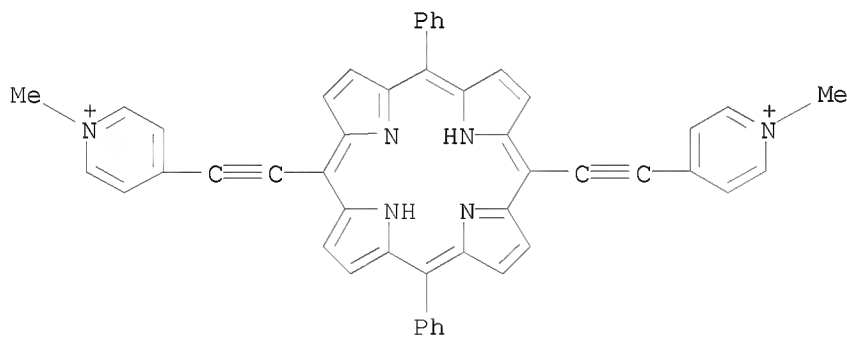
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 27 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1015164-10-9 REGISTRY  
ED Entered STN: 17 Apr 2008  
CN Pyridinium, 4,4'-[(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl-, perchlorate (1:2) (CA INDEX NAME)  
MF C48 H34 N6 . 2 Cl O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

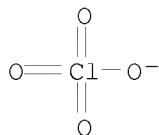
CM 1

CRN 1015164-09-6  
CMF C48 H34 N6



CM 2

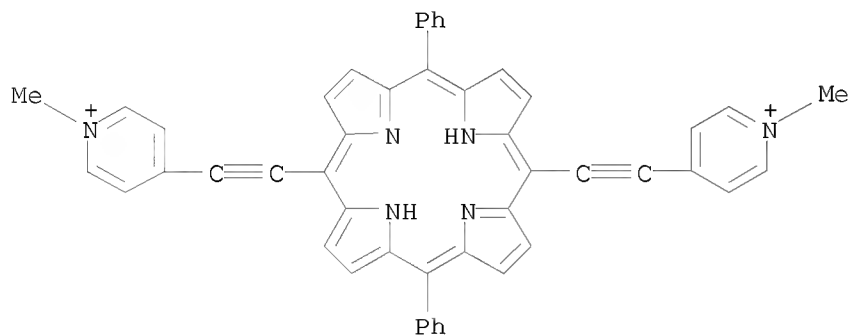
CRN 14797-73-0  
CMF Cl O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 28 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1015164-09-6 REGISTRY  
ED Entered STN: 17 Apr 2008  
CN Pyridinium, 4,4'-[(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl- (CA INDEX NAME)  
MF C48 H34 N6  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS

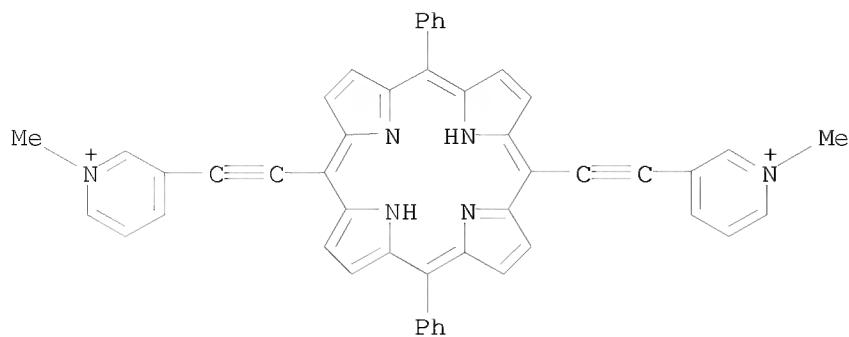


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 29 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 1015164-06-3 REGISTRY  
ED Entered STN: 17 Apr 2008  
CN Pyridinium, 3,3'-[(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl-, perchlorate (1:2) (CA INDEX NAME)  
MF C48 H34 N6 . 2 Cl O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

CM 1

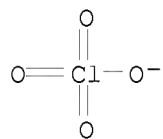
CRN 1015164-05-2  
CMF C48 H34 N6



CM 2

CRN 14797-73-0

CMF C1 O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 30 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1015164-05-2 REGISTRY

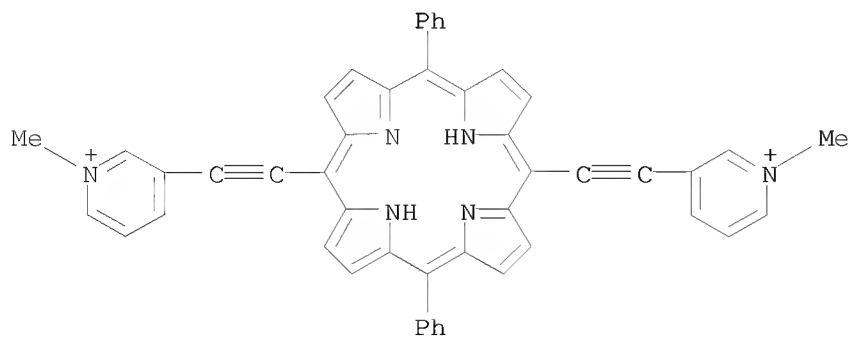
ED Entered STN: 17 Apr 2008

CN Pyridinium, 3,3'-[(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl- (CA INDEX NAME)

MF C48 H34 N6

CI COM

SR CA



L14 ANSWER 31 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

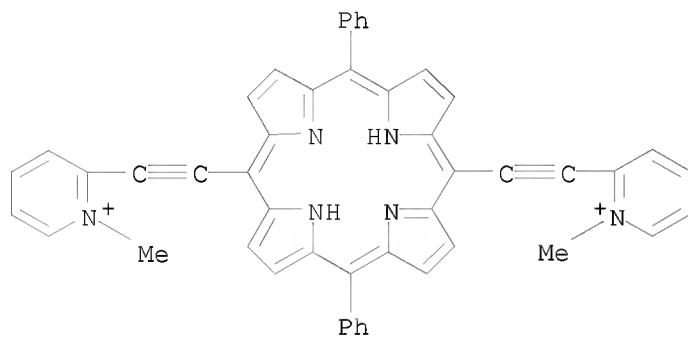
RN 1015164-01-8 REGISTRY

ED Entered STN: 17 Apr 2008  
 CN Pyridinium, 2,2'-[(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl-, perchlorate (1:2) (CA INDEX NAME)  
 MF C48 H34 N6 . 2 Cl O4  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

CM 1

CRN 1015164-00-7

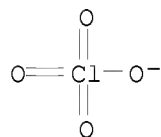
CMF C48 H34 N6



CM 2

CRN 14797-73-0

CMF Cl O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 32 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 1015164-00-7 REGISTRY

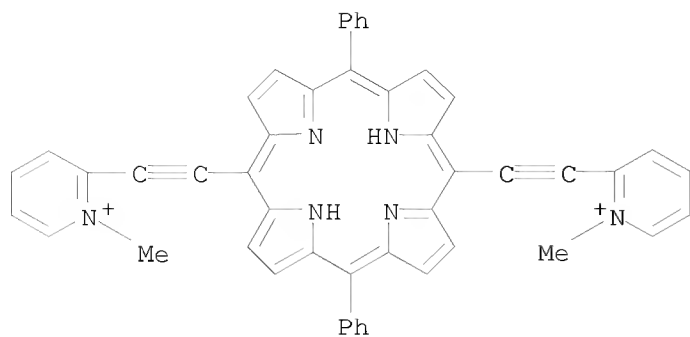
ED Entered STN: 17 Apr 2008

CN Pyridinium, 2,2'-[(10,20-diphenyl-21H,23H-porphine-5,15-diyl)di-2,1-ethynediyl]bis[1-methyl- (CA INDEX NAME)

MF C48 H34 N6

CI COM

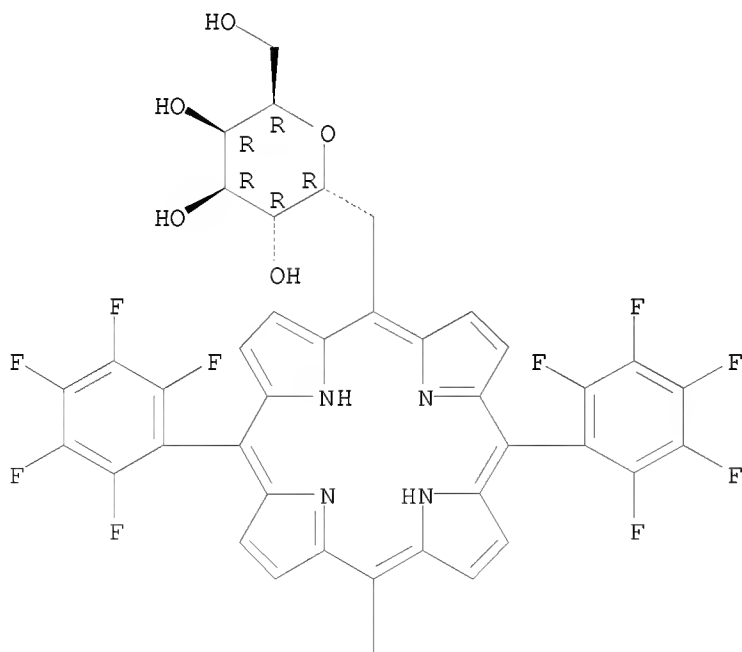
SR CA

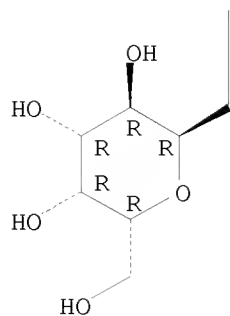


L14 ANSWER 33 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 935861-06-6 REGISTRY  
 ED Entered STN: 25 May 2007  
 CN D-glycero-L-galacto-Heptitol, 7,7'-[10,20-bis(2,3,4,5,6-pentafluorophenyl)-  
 21H,23H-porphine-5,15-diyl]bis[2,6-anhydro-7-deoxy- (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C46 H36 F10 N4 O10  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

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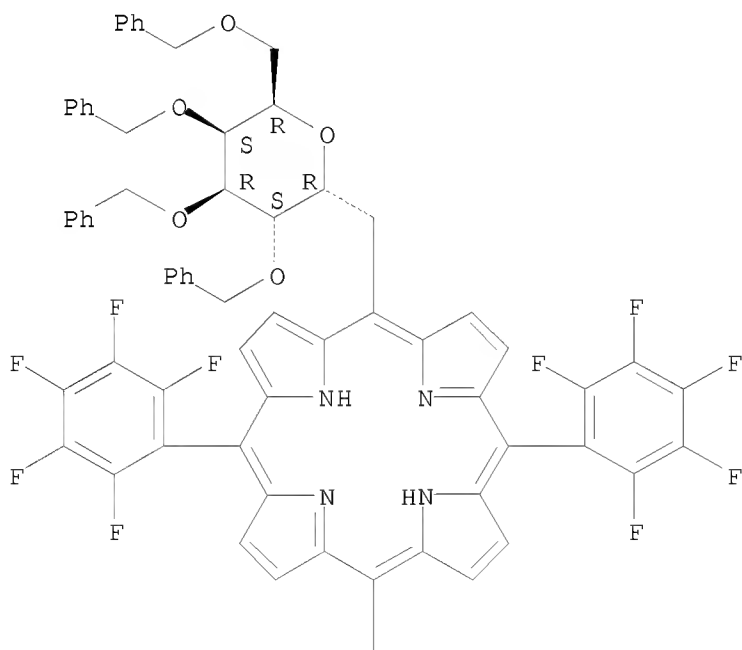


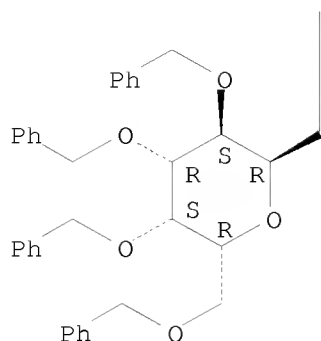
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 34 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 935861-05-5 REGISTRY  
ED Entered STN: 25 May 2007  
CN D-glycero-L-galacto-Heptitol, 7,7'-[10,20-bis(2,3,4,5,6-pentafluorophenyl)-  
21H,23H-porphine-5,15-diyl]bis[2,6-anhydro-7-deoxy-1,3,4,5-tetrakis-O-  
(phenylmethyl)- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C102 H84 F10 N4 O10  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (-).





\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 35 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 935861-02-2 REGISTRY

ED Entered STN: 25 May 2007

CN D-glycero-L-gulo-Heptitol, 7,7',7'',7'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetrakis[2,6-anhydro-7-deoxy-1,3,4,5-tetrakis-O-(phenylmethyl)- (CA INDEX NAME)

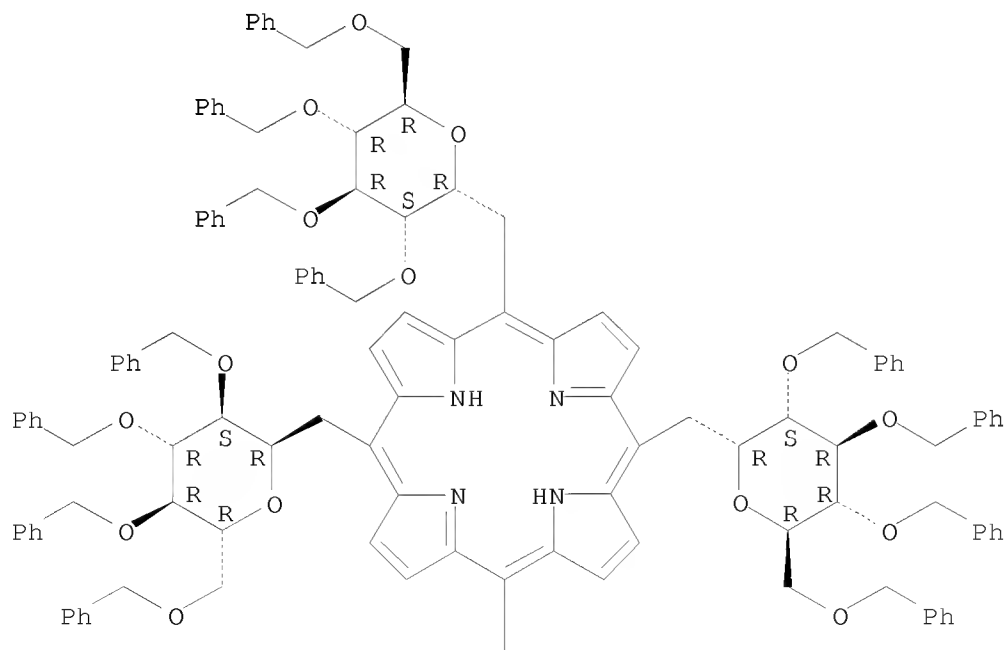
FS STEREOSEARCH

MF C160 H158 N4 O20

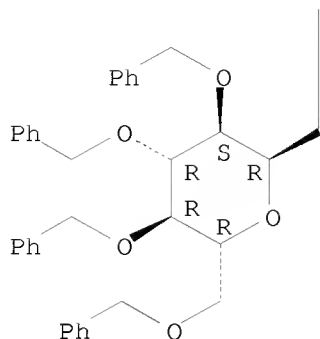
SR CA

LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (+).





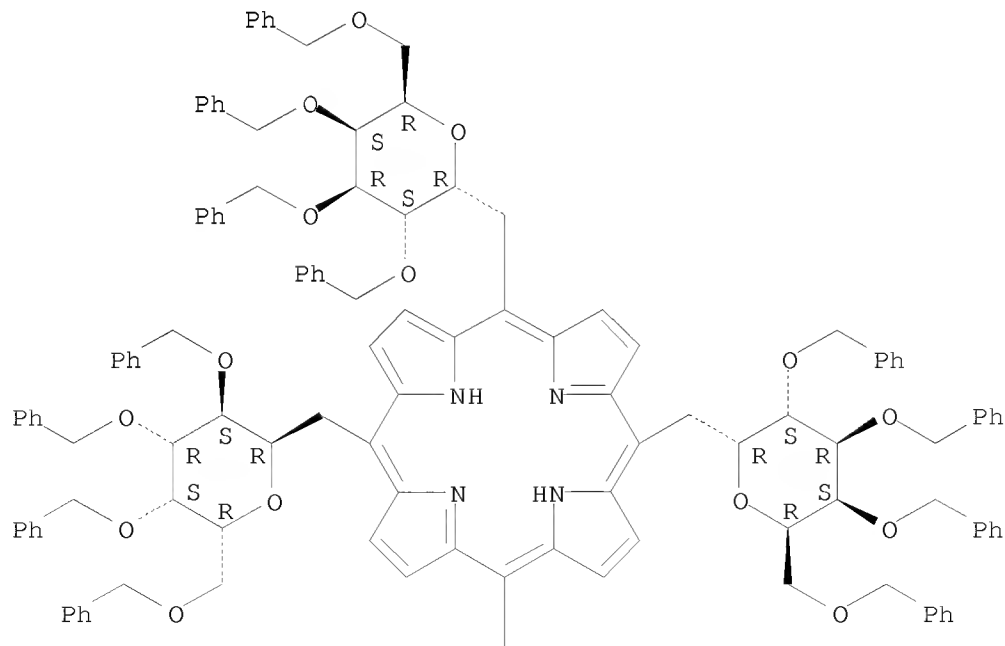


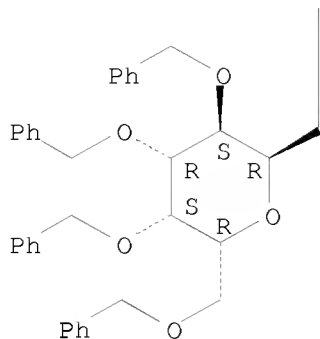
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 36 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 935861-01-1 REGISTRY  
ED Entered STN: 25 May 2007  
CN D-glycero-L-galacto-Heptitol, 7,7',7'',7'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetrakis[2,6-anhydro-7-deoxy-1,3,4,5-tetrakis-O-(phenylmethyl)-(CA INDEX NAME)  
FS STEREOSEARCH  
MF C160 H158 N4 O20  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (+).





\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 37 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 929880-35-3 REGISTRY

ED Entered STN: 13 Apr 2007

CN Acetic acid, 2,2'-[[10,20-bis[2-[4-[[4-[2-[4-[2-[4-(diphenylamino)phenyl]ethenyl]phenyl]ethenyl]phenyl]ethenyl]phenyl]ethenyl]-21H,23H-porphine-5,15-diyl]bis[(3,5-dichloro-4,1-phenylene)oxy]]bis-  
(CA INDEX NAME)

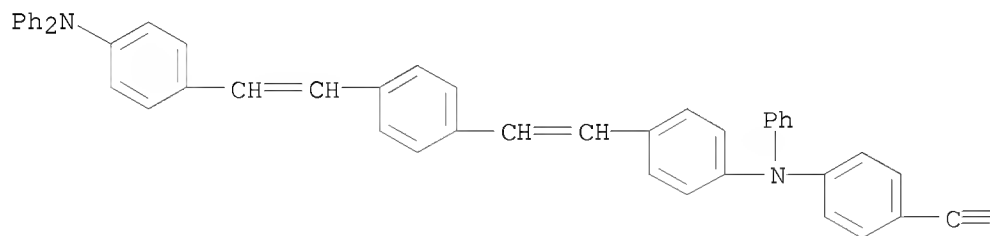
OTHER NAMES:

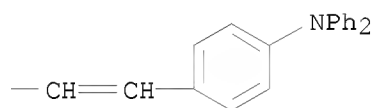
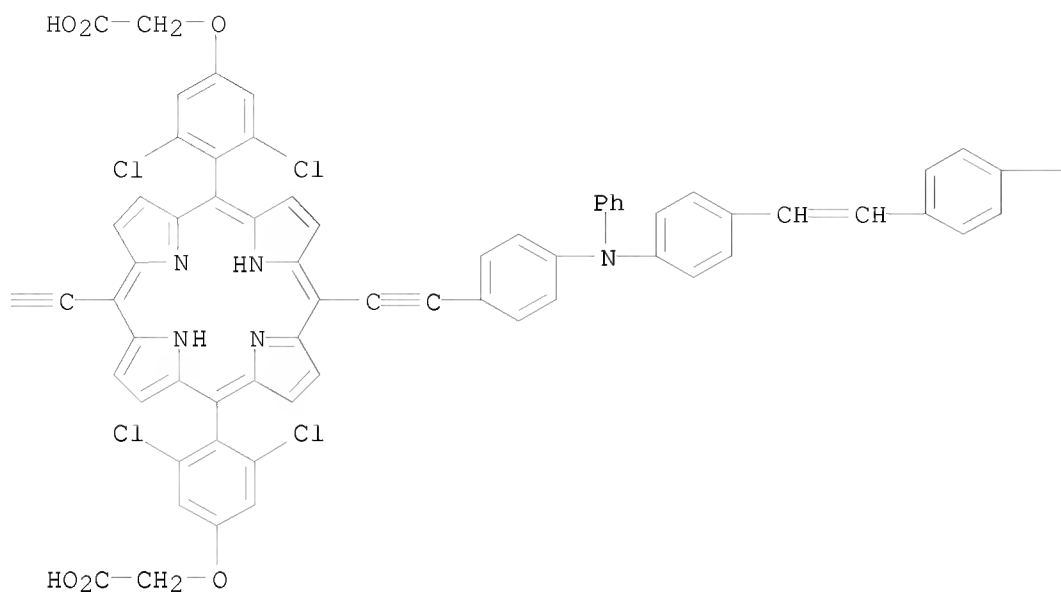
CN MPA 79

MF C132 H90 Cl4 N8 O6

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER



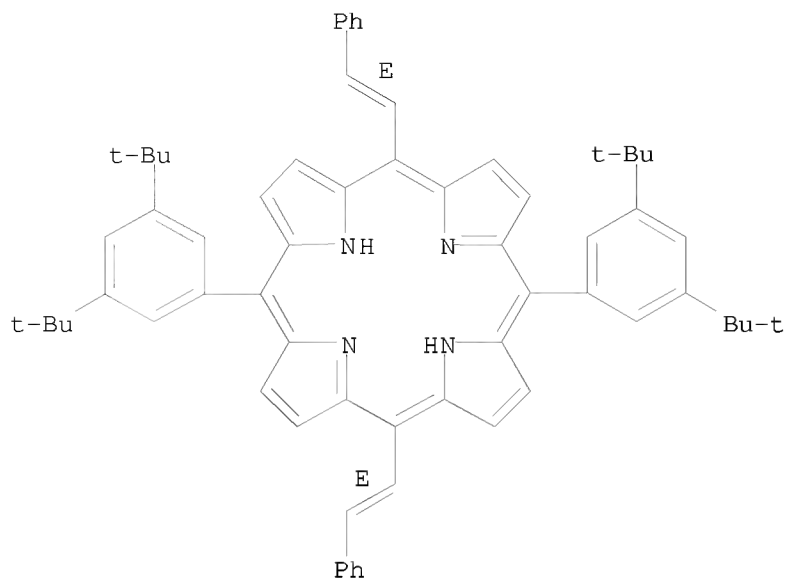


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 38 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 883148-82-1 REGISTRY  
ED Entered STN: 07 May 2006  
CN 21H,23H-Porphine, 5,15-bis[3,5-bis(1,1-dimethylethyl)phenyl]-10,20-bis[(1E)-2-phenylethenyl]- (CA INDEX NAME)  
FS STEREOSEARCH  
MF C64 H66 N4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Double bond geometry as shown.

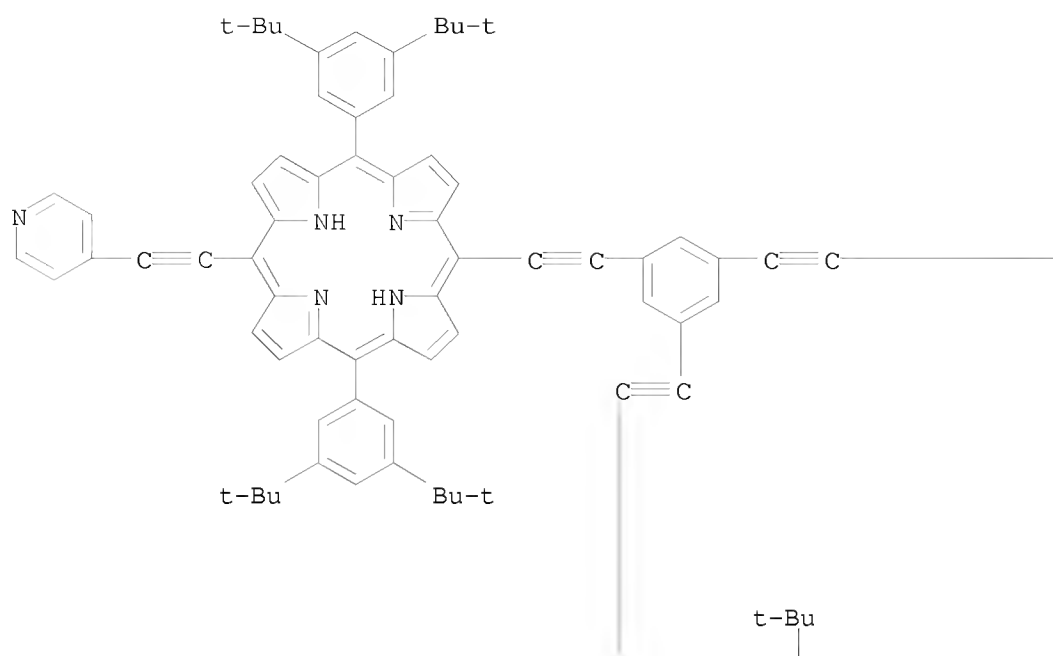


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

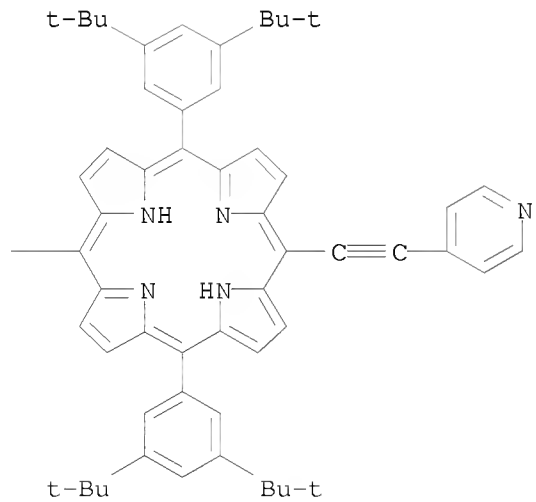
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

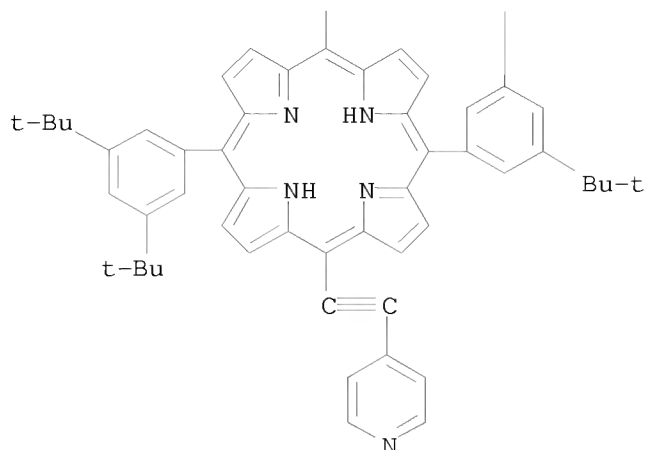
L14 ANSWER 39 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 882878-24-2 REGISTRY  
ED Entered STN: 04 May 2006  
CN 21H,23H-Porphine, 5,5',5''-(1,3,5-benzenetriyltri-2,1-ethynediyl)tris[10,20-bis[3,5-bis(1,1-dimethylethyl)phenyl]-15-(4-pyridinylethynyl)- (9CI) (CA INDEX NAME)  
MF C177 H171 N15  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

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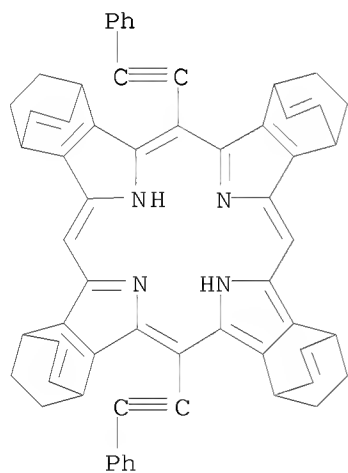




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 40 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 877940-51-7 REGISTRY  
ED Entered STN: 24 Mar 2006  
CN 1,4:8,11:15,18:22,25-Tetraethano-29H,31H-tetrabenzo[b,g,l,q]porphine,  
1,4,8,11,15,18,22,25-octahydro-6,18-bis(phenylethynyl)- (CA INDEX NAME)  
MF C60 H46 N4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



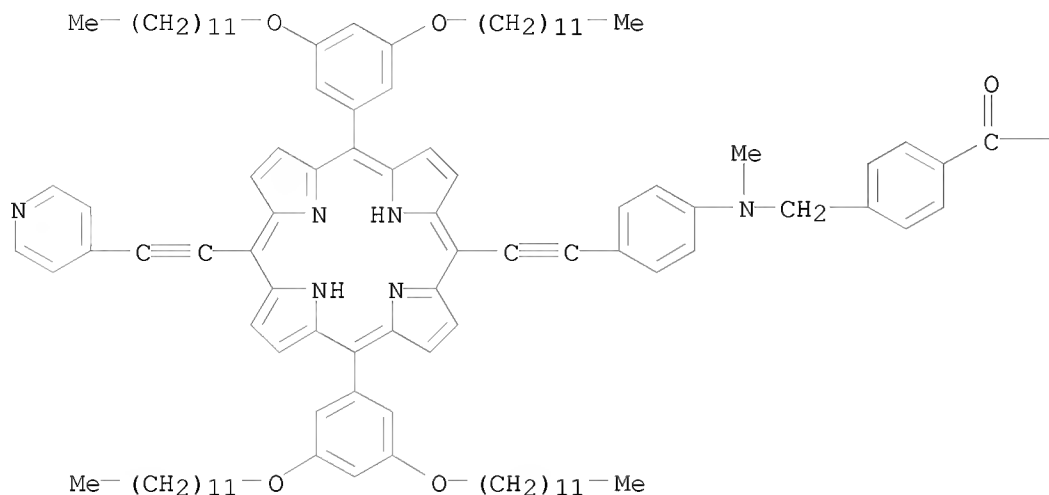
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 41 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 872687-53-1 REGISTRY  
 ED Entered STN: 26 Jan 2006  
 CN Benzoic acid, 4-[[[4-[[10,20-bis[3,5-bis(dodecyloxy)phenyl]-15-(4-pyridinylethynyl)-21H,23H-porphin-5-yl]ethynyl]phenyl]methylamino]methyl]-, methyl ester (9CI) (CA INDEX NAME)  
 MF C105 H136 N6 O6  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

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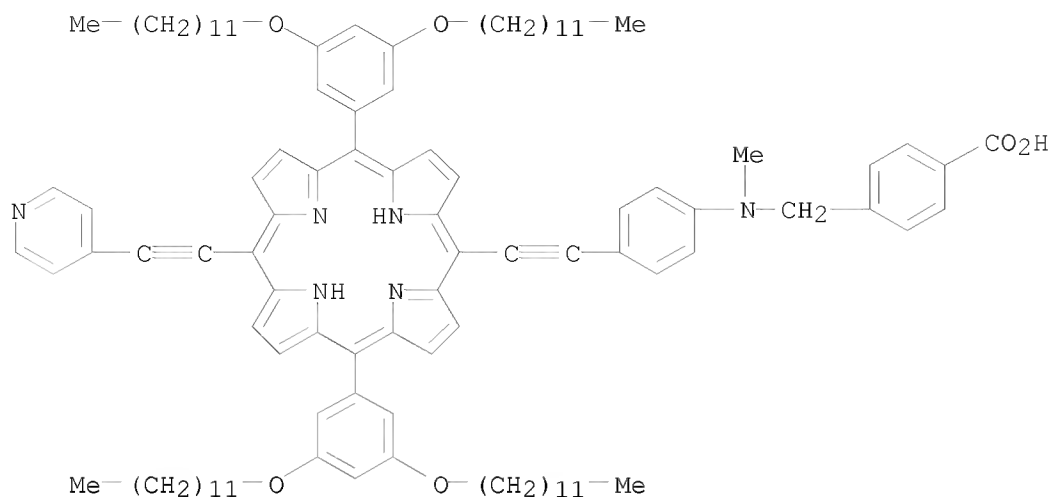
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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 42 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 872687-46-2 REGISTRY  
 ED Entered STN: 26 Jan 2006  
 CN Benzoic acid, 4-[[[4-[[10,20-bis[3,5-bis(dodecyloxy)phenyl]-15-(4-pyridinylethynyl)-21H,23H-porphin-5-yl]ethynyl]phenyl]methylamino]methyl]-, methyl ester (9CI) (CA INDEX NAME)  
 MF C104 H134 N6 O6  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT



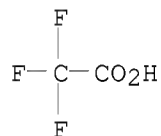
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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L14  ANSWER 43 OF 171  REGISTRY  COPYRIGHT 2009 ACS on STN
RN   860471-75-6  REGISTRY
ED   Entered STN:   16 Aug 2005
CN   21H,23H-Porphine, 5,10,15,20-tetrakis(phenylethynyl)-, trifluoroacetate,
    compd. with dichloromethane (9CI)  (CA INDEX NAME)
MF   C52 H30 N4 . x C2 H F3 O2 . 2 C2 H F3 O2 . x C H2 Cl2
SR   CA
LC   STN Files:    CA, CAPLUS
```

CM 1

CRN 76-05-1  
CMF C2 H F3 O2



CM 2

CRN 75-09-2  
CMF C H2 C12

$$\text{Cl}-\text{CH}_2-\text{Cl}$$

CM 3

CRN 860471-74-5

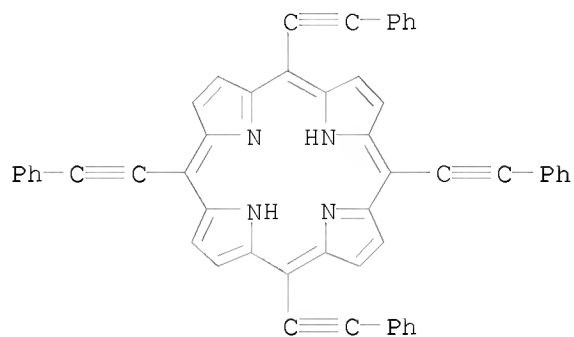


CMF C52 H30 N4 . 2 C2 H F3 O2

CM 4

CRN 142646-71-7

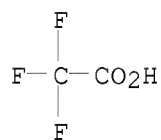
CMF C52 H30 N4



CM 5

CRN 76-05-1

CMF C2 H F3 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

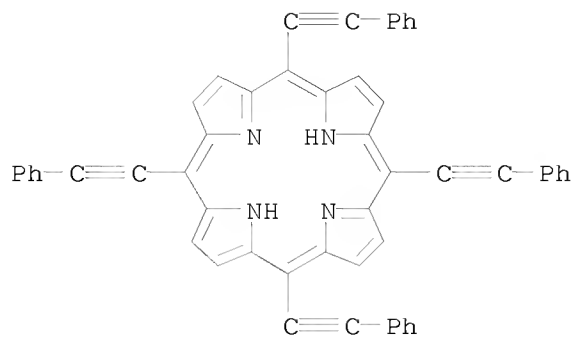
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 44 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 860471-74-5 REGISTRY  
ED Entered STN: 16 Aug 2005  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(phenylethynyl)-,  
bis(trifluoroacetate) (9CI) (CA INDEX NAME)  
MF C52 H30 N4 . 2 C2 H F3 O2  
CI COM  
SR CA

CM 1

CRN 142646-71-7

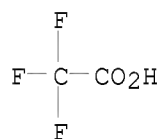
CMF C52 H30 N4



CM 2

CRN 76-05-1

CMF C2 H F3 O2

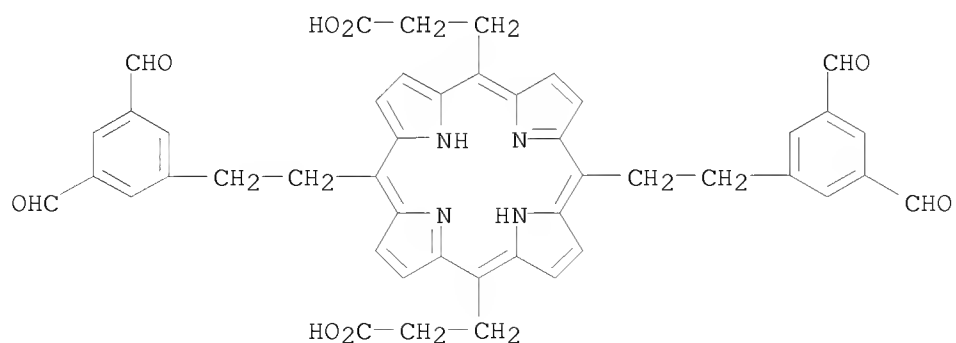


L14 ANSWER 45 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 854278-51-6 REGISTRY  
 ED Entered STN: 08 Jul 2005  
 CN 21H,23H-Porphine-5,15-dipropanoic acid,  
 10,20-bis[2-(3,5-diformylphenyl)ethyl]-, polymer with 1-pyrenamine (9CI)  
 (CA INDEX NAME)  
 MF (C46 H38 N4 O8 . C16 H11 N)x  
 CI PMS  
 PCT Amino resin, Polyamine  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

CRN 848601-26-3

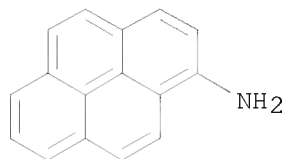
CMF C46 H38 N4 O8



CM 2

CRN 1606-67-3

CMF C16 H11 N



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 46 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 849459-67-2 REGISTRY

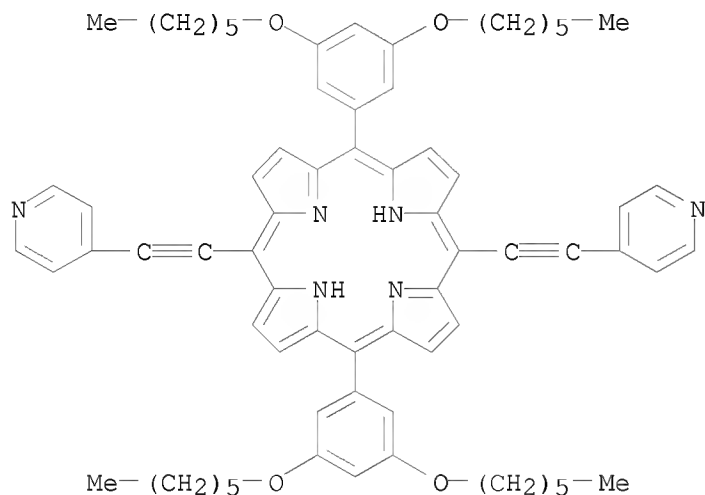
ED Entered STN: 28 Apr 2005

CN 21H,23H-Porphine, 5,15-bis[3,5-bis(hexyloxy)phenyl]-10,20-bis(4-pyridinylethynyl)- (9CI) (CA INDEX NAME)

MF C70 H76 N6 O4

SR CA

LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 47 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 849459-66-1 REGISTRY

ED Entered STN: 28 Apr 2005

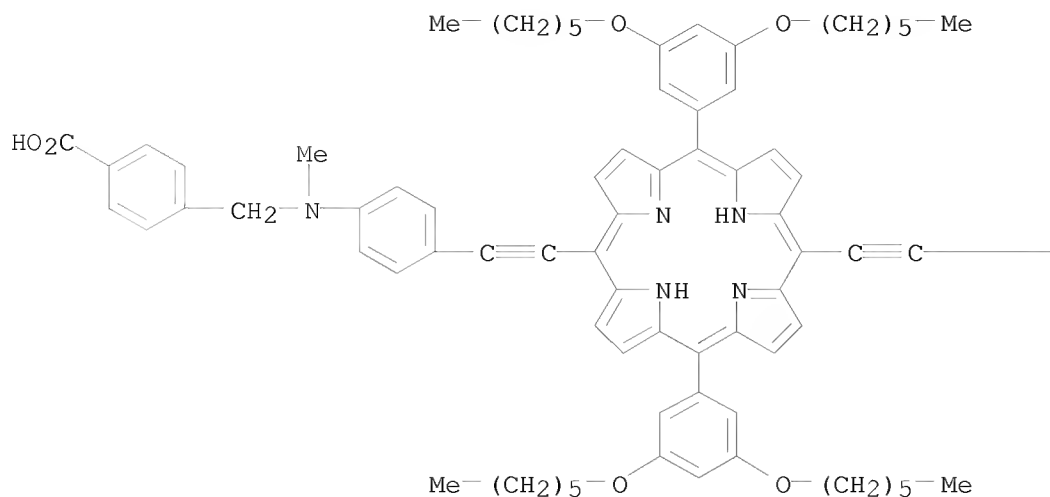
CN Benzoic acid, 4,4'-[[10,20-bis[3,5-bis(hexyloxy)phenyl]-21H,23H-porphine-5,15-diyl]bis[2,1-ethynediyl-4,1-phenylene(methylimino)methylene]]bis- (9CI) (CA INDEX NAME)

MF C90 H96 N6 O8

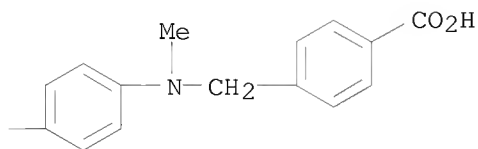
SR CA

LC STN Files: CA, CAPLUS

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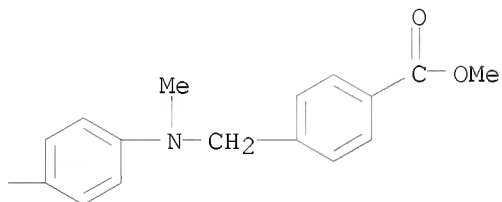
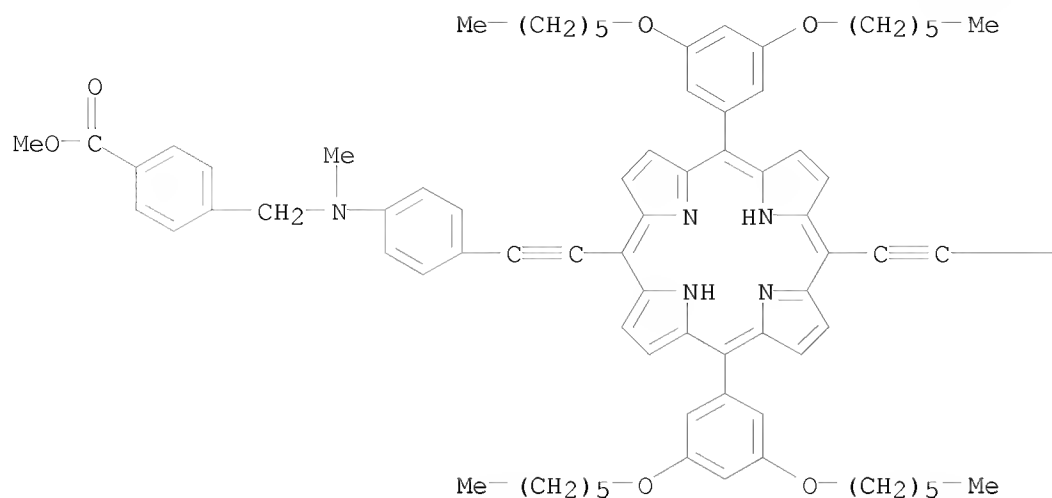
PAGE 1-B



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

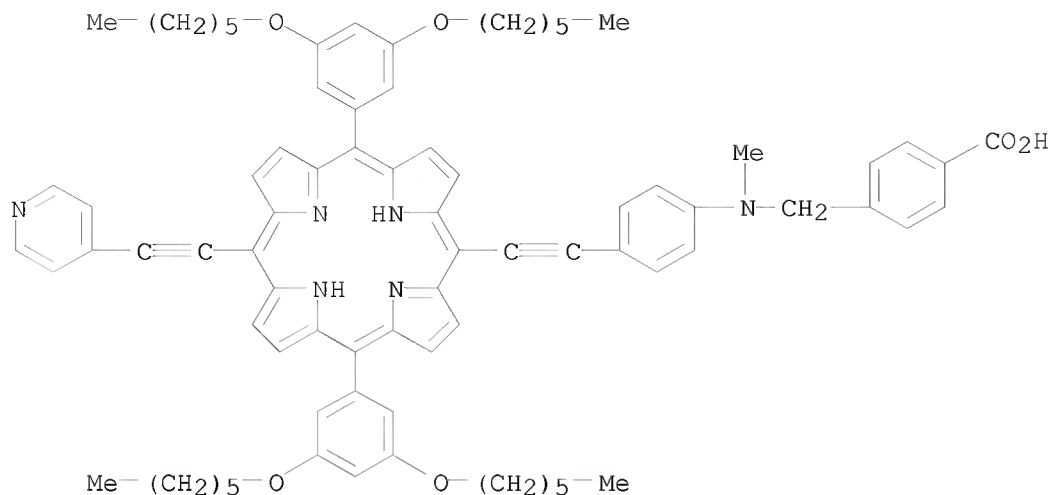
L14 ANSWER 48 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 849459-65-0 REGISTRY  
ED Entered STN: 28 Apr 2005  
CN Benzoic acid, 4,4'-[[10,20-bis[3,5-bis(hexyloxy)phenyl]-21H,23H-porphine-5,15-diyl]bis[2,1-ethynediyl-4,1-phenylene(methylimino)methylene]]bis-, dimethyl ester (9CI) (CA INDEX NAME)  
MF C92 H100 N6 O8  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 49 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 849459-64-9 REGISTRY  
ED Entered STN: 28 Apr 2005  
CN Benzoic acid, 4-[[[4-[[10,20-bis[3,5-bis(hexyloxy)phenyl]-15-(4-pyridinylethynyl)-21H,23H-porphin-5-yl]ethynyl]phenyl]methylamino]methyl]-  
(9CI) (CA INDEX NAME)  
MF C80 H86 N6 O6  
SR CA  
LC STN Files: CA, CAPLUS

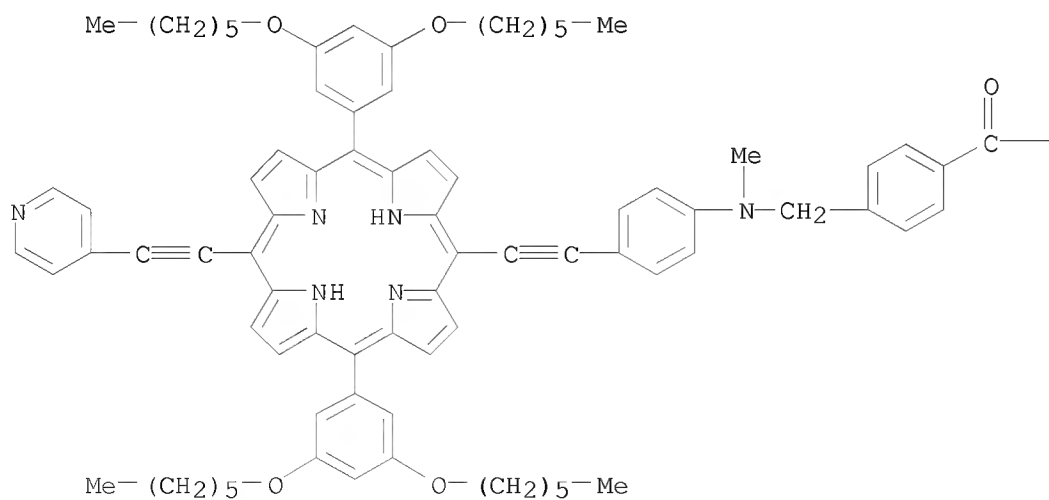


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 50 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 849459-63-8 REGISTRY  
ED Entered STN: 28 Apr 2005  
CN Benzoic acid, 4-[[[4-[[10,20-bis[3,5-bis(hexyloxy)phenyl]-15-(4-pyridinylethynyl)-21H,23H-porphin-5-yl]ethynyl]phenyl]methylamino]methyl]-, methyl ester (9CI) (CA INDEX NAME)  
MF C81 H88 N6 O6  
SR CA  
LC STN Files: CA, CAPLUS

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— OMe

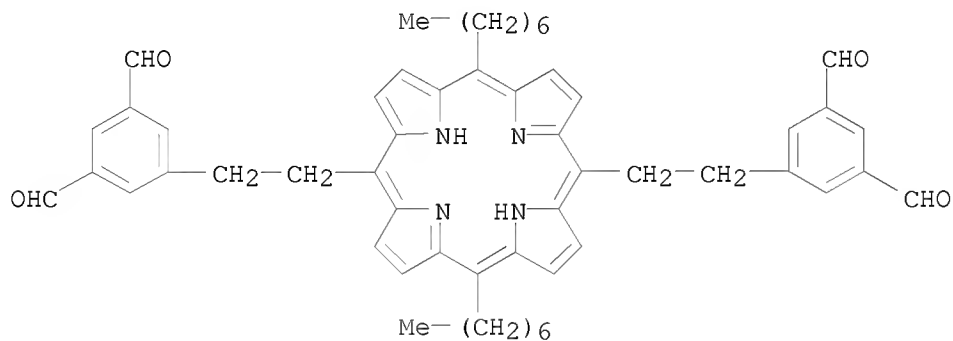
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1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 51 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 848601-38-7 REGISTRY  
 ED Entered STN: 15 Apr 2005  
 CN 1,3-Benzenedicarboxaldehyde, 5,5'-[(10,20-diheptyl-21H,23H-porphine-5,15-diyl)di-2,1-ethanediyl]bis-, polymer with 1,8-pyrenediamine (9CI) (CA INDEX NAME)  
 MF (C54 H58 N4 O4 . C16 H12 N2)x  
 CI PMS  
 PCT Polyamine, Polyazomethine, Polyazomethine formed  
 SR CA  
 LC STN Files: CA, CAPLUS

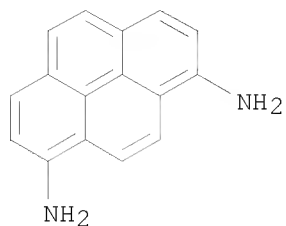
CM 1

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CM 2

CRN 30269-04-6  
 CMF C16 H12 N2

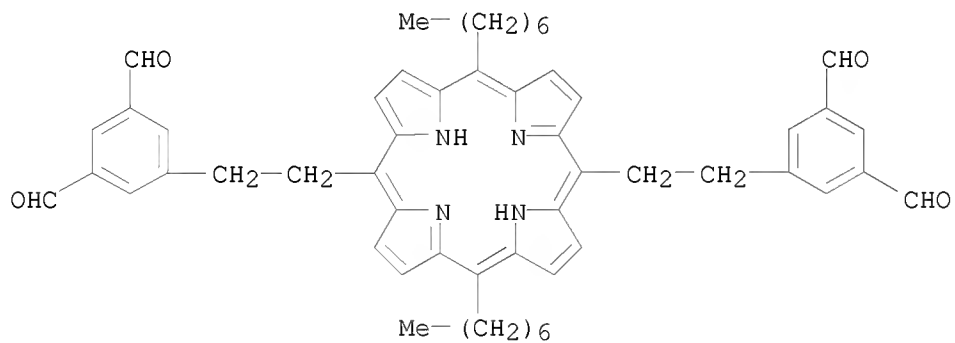


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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 52 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 848601-37-6 REGISTRY  
 ED Entered STN: 15 Apr 2005  
 CN 1,3-Benzenedicarboxaldehyde, 5,5'-[(10,20-diheptyl-21H,23H-porphine-5,15-diyl)di-2,1-ethanediyl]bis-, polymer with 1,6-pyrenediamine (9CI) (CA INDEX NAME)  
 MF (C54 H58 N4 O4 . C16 H12 N2)x  
 CI PMS  
 PCT Polyamine, Polyazomethine, Polyazomethine formed  
 SR CA  
 LC STN Files: CA, CAPLUS

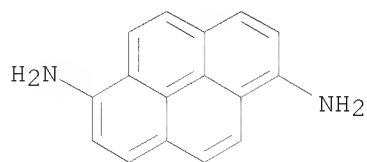
CM 1

CRN 848601-32-1  
 CMF C54 H58 N4 O4



CM 2

CRN 14923-84-3  
 CMF C16 H12 N2



1 REFERENCES IN FILE CA (1907 TO DATE)



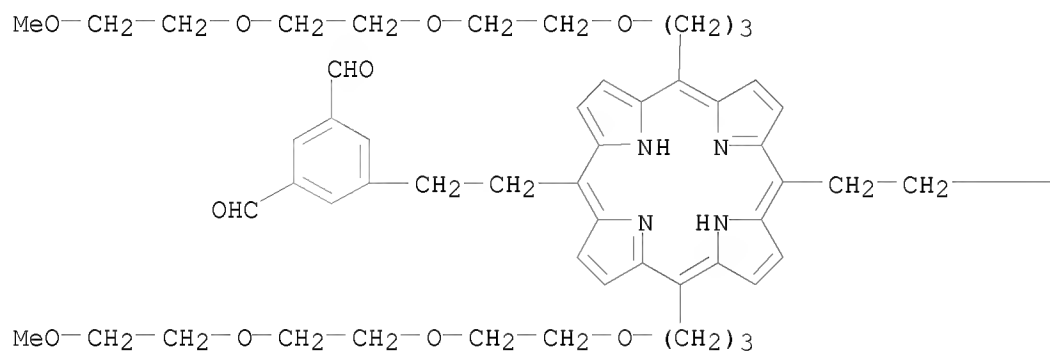
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 53 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 848601-36-5 REGISTRY  
 ED Entered STN: 15 Apr 2005  
 CN 1,3-Benzenedicarboxaldehyde, 5,5'-[[10,20-bis(4,7,10,13-tetraoxatetradec-1-yl)-21H,23H-porphine-5,15-diyl]di-2,1-ethanediyl]bis-, polymer with  
 1,8-pyrenediamine (9CI) (CA INDEX NAME)  
 MF (C60 H70 N4 O12 . C16 H12 N2)x  
 CI PMS  
 PCT Polyamine, Polyazomethine, Polyazomethine formed  
 SR CA  
 LC STN Files: CA, CAPLUS

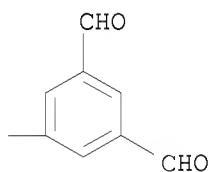
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CRN 848601-31-0  
 CMF C60 H70 N4 O12

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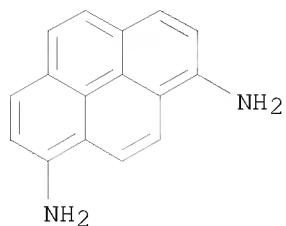


PAGE 1-B



CM 2

CRN 30269-04-6  
 CMF C16 H12 N2



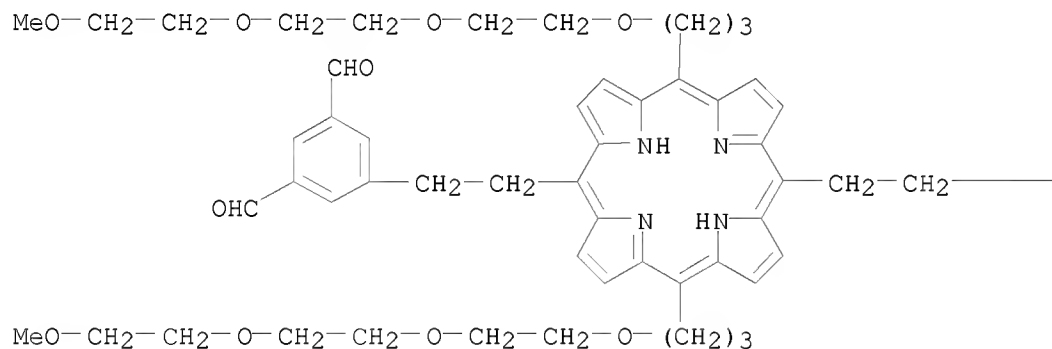
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L14 ANSWER 54 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 848601-35-4 REGISTRY  
ED Entered STN: 15 Apr 2005  
CN 1,3-Benzenedicarboxaldehyde, 5,5'-[[10,20-bis(4,7,10,13-tetraoxatetradec-1-yl)-21H,23H-porphine-5,15-diyl]di-2,1-ethanediyl]bis-, polymer with 1,6-pyrenediamine (9CI) (CA INDEX NAME)  
MF (C60 H70 N4 O12 . C16 H12 N2)x  
CI PMS  
PCT Polyamine, Polyazomethine, Polyazomethine formed  
SR CA  
LC STN Files: CA, CAPLUS

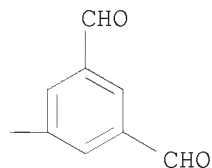
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CMF C60 H70 N4 O12

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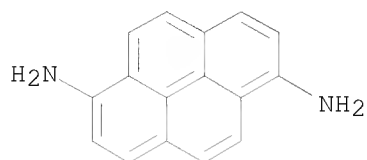


PAGE 1-B



CM 2

CRN 14923-84-3  
CMF C16 H12 N2



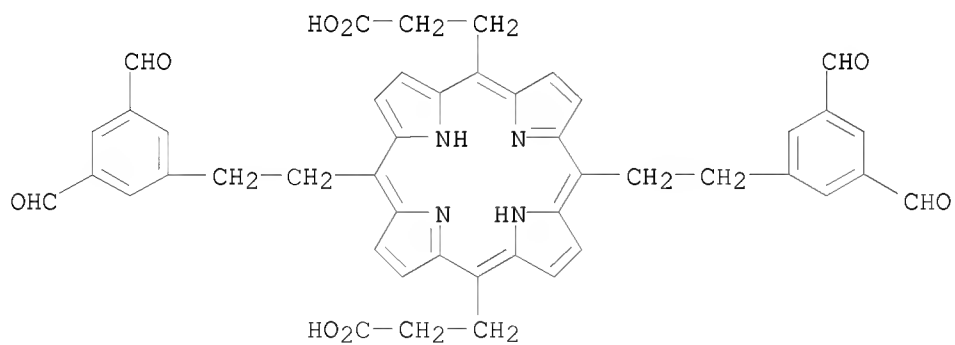
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 55 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 848601-34-3 REGISTRY  
ED Entered STN: 15 Apr 2005  
CN 21H,23H-Porphine-5,15-dipropanoic acid,  
10,20-bis[2-(3,5-diformylphenyl)ethyl]-, polymer with 1,8-pyrenediamine  
(9CI) (CA INDEX NAME)  
MF (C46 H38 N4 O8 . C16 H12 N2)x  
CI PMS  
PCT Polyamide, Polyamide formed, Polyamine  
SR CA  
LC STN Files: CA, CAPLUS

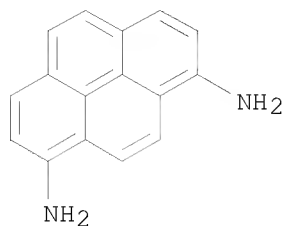
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CRN 848601-26-3  
CMF C46 H38 N4 O8



CM 2

CRN 30269-04-6  
CMF C16 H12 N2

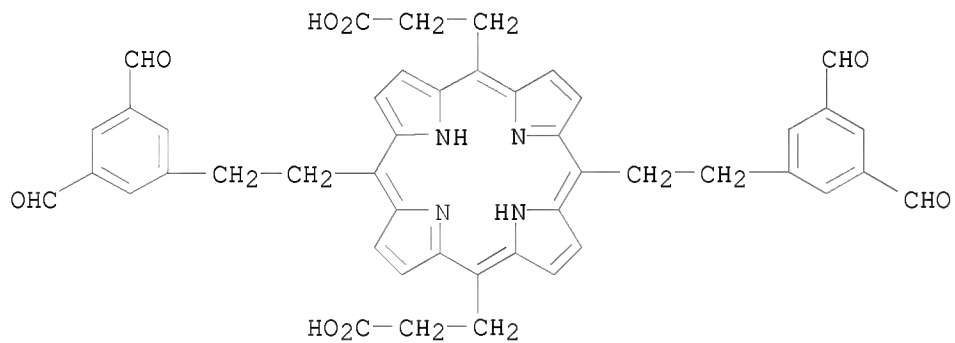


2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 56 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 848601-33-2 REGISTRY  
ED Entered STN: 15 Apr 2005  
CN 21H,23H-Porphine-5,15-dipropanoic acid,  
10,20-bis[2-(3,5-diformylphenyl)ethyl]-, polymer with 1,6-pyrenediamine  
(9CI) (CA INDEX NAME)  
MF (C46 H38 N4 O8 . C16 H12 N2)x  
CI PMS  
PCT Polyamide, Polyamide formed, Polyamine  
SR CA  
LC STN Files: CA, CAPLUS

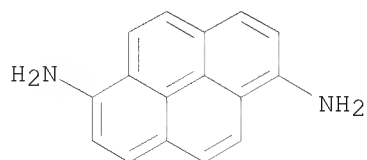
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CMF C46 H38 N4 O8



CM 2

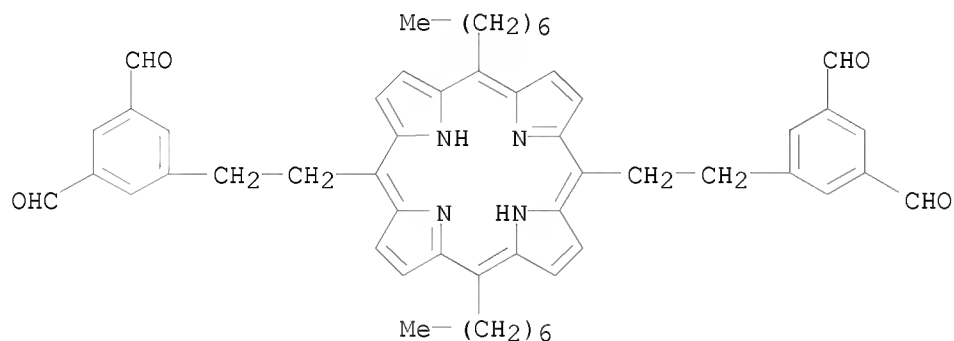
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CMF C16 H12 N2



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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

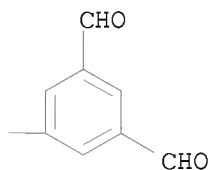
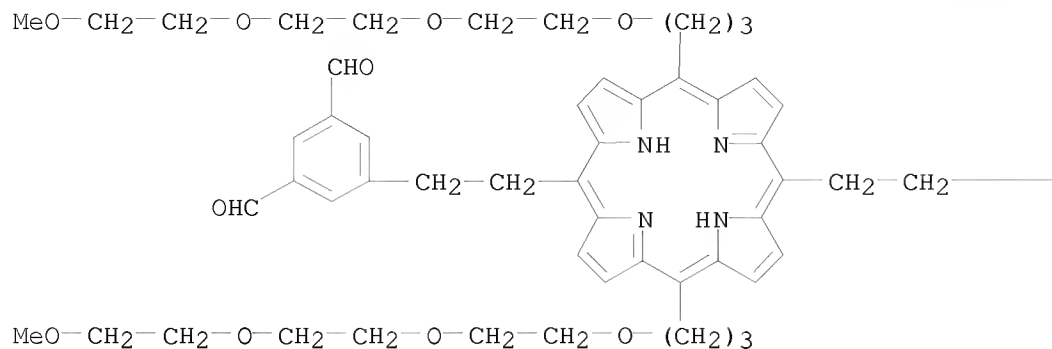
L14 ANSWER 57 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 848601-32-1 REGISTRY  
ED Entered STN: 15 Apr 2005  
CN 1,3-Benzenedicarboxaldehyde, 5,5'-[(10,20-diheptyl-21H,23H-porphine-5,15-diyl)di-2,1-ethanediyl]bis- (9CI) (CA INDEX NAME)  
MF C54 H58 N4 O4  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

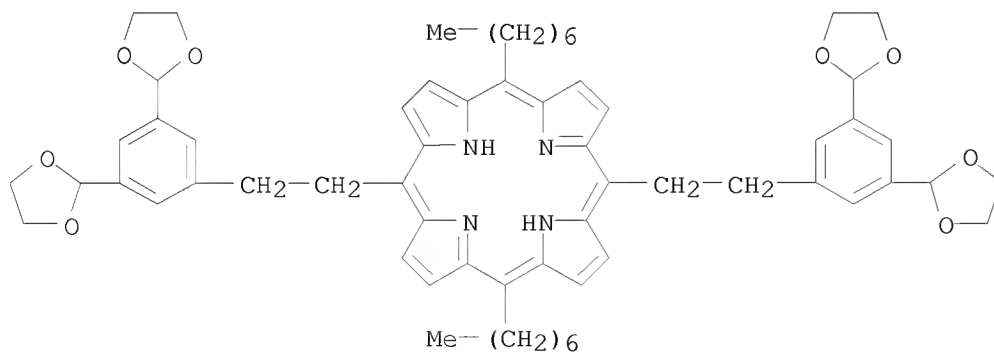
L14 ANSWER 58 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 848601-31-0 REGISTRY  
ED Entered STN: 15 Apr 2005  
CN 1,3-Benzenedicarboxaldehyde, 5,5'-[[10,20-bis(4,7,10,13-tetraoxatetradec-1-yl)-21H,23H-porphine-5,15-diyl]di-2,1-ethanediyl]bis- (9CI) (CA INDEX NAME)  
MF C60 H70 N4 O12  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 59 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 848601-30-9 REGISTRY  
 ED Entered STN: 15 Apr 2005  
 CN 21H,23H-Porphine, 5,15-bis[2-[3,5-bis(1,3-dioxolan-2-yl)phenyl]ethyl]-  
 10,20-diheptyl- (9CI) (CA INDEX NAME)  
 MF C62 H74 N4 O8  
 SR CA  
 LC STN Files: CA, CAPLUS

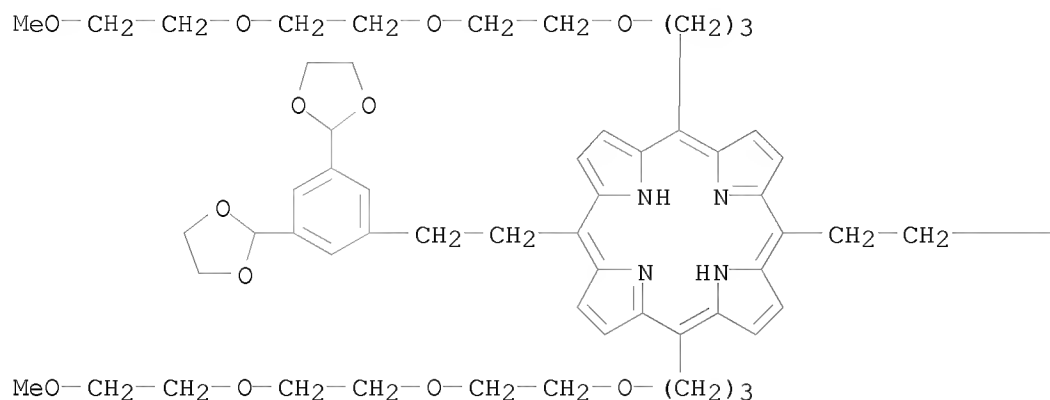


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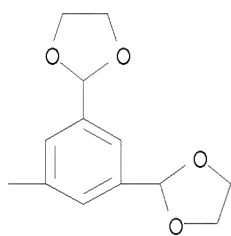
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 60 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 848601-29-6 REGISTRY  
ED Entered STN: 15 Apr 2005  
CN 21H,23H-Porphine, 5,15-bis[2-[3,5-bis(1,3-dioxolan-2-yl)phenyl]ethyl]-  
10,20-bis(4,7,10,13-tetraoxatetradec-1-yl)- (9CI) (CA INDEX NAME)  
MF C68 H86 N4 O16  
SR CA  
LC STN Files: CA, CAPLUS

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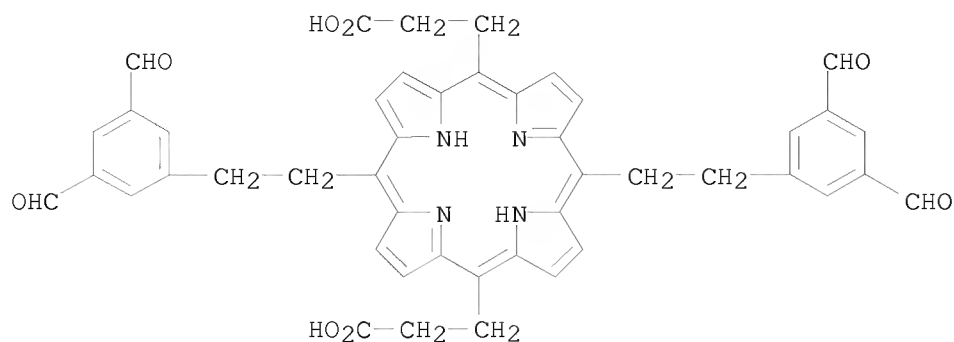
PAGE 1-B



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

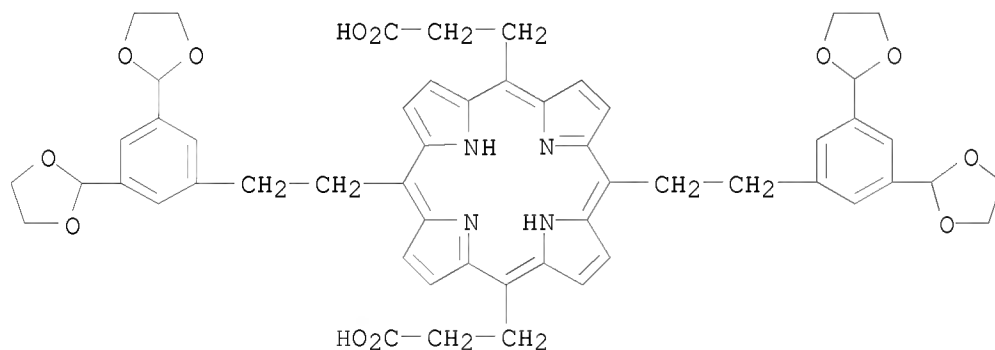
L14 ANSWER 61 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 848601-26-3 REGISTRY  
ED Entered STN: 15 Apr 2005  
CN 21H,23H-Porphine-5,15-dipropanoic acid,  
10,20-bis[2-(3,5-diformylphenyl)ethyl]- (CA INDEX NAME)  
MF C46 H38 N4 O8  
CI COM  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 62 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 848601-24-1 REGISTRY  
ED Entered STN: 15 Apr 2005  
CN 21H,23H-Porphine-5,15-dipropionic acid,  
10,20-bis[2-[3,5-bis(1,3-dioxolan-2-yl)phenyl]ethyl]- (9CI) (CA INDEX  
NAME)  
MF C54 H54 N4 O12  
SR CA  
LC STN Files: CA, CAPLUS

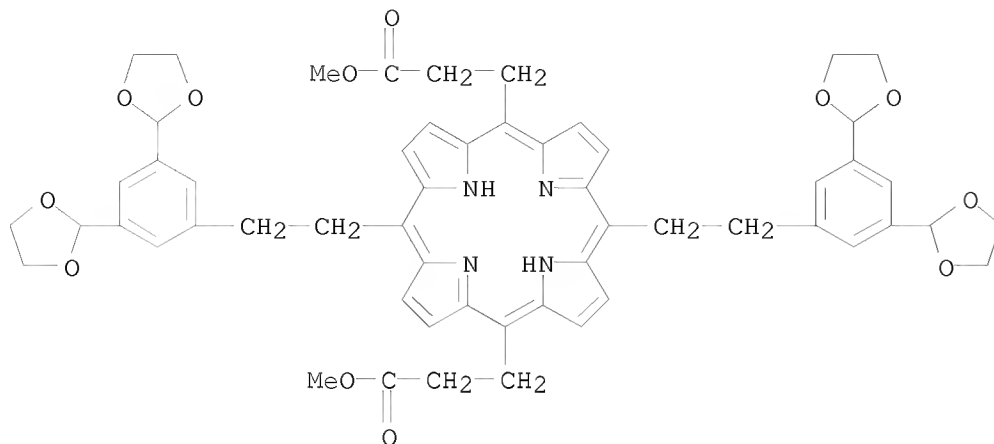


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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 63 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 848601-23-0 REGISTRY  
ED Entered STN: 15 Apr 2005  
CN 21H,23H-Porphine-5,15-dipropionic acid,  
10,20-bis[2-[3,5-bis(1,3-dioxolan-2-yl)phenyl]ethyl]-, dimethyl ester  
(9CI) (CA INDEX NAME)  
MF C56 H58 N4 O12  
SR CA  
LC STN Files: CA, CAPLUS

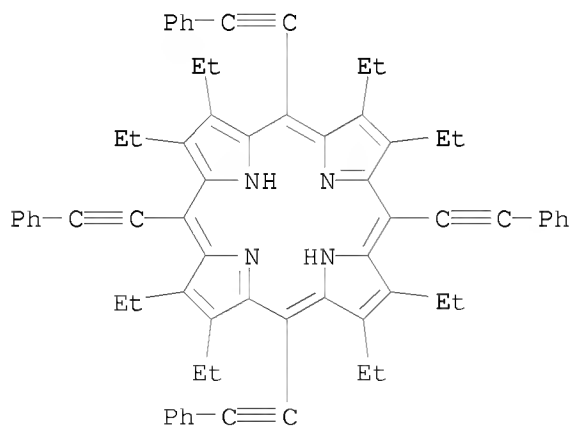




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 64 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 825634-89-7 REGISTRY  
ED Entered STN: 04 Feb 2005  
CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,10,15,20-tetrakis(phenylethynyl)- (9CI) (CA INDEX NAME)  
MF C68 H62 N4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

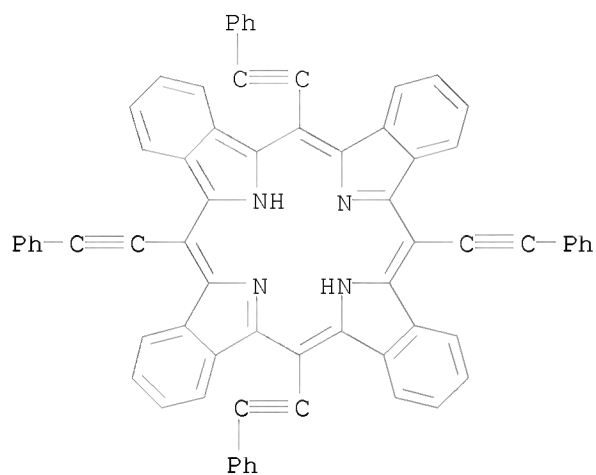
L14 ANSWER 65 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 825634-88-6 REGISTRY  
ED Entered STN: 04 Feb 2005  
CN 29H,31H-Tetrabenzo[b,g,l,q]porphine, 6,13,20,27-tetrakis(phenylethynyl)-

OTHER NAMES:

MF C68 H38 N4

SR      CA

LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 66 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 825634-87-5 REGISTRY

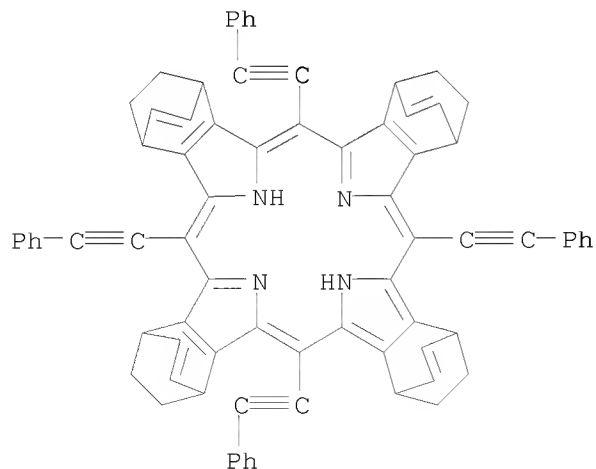
ED Entered STN: 04 Feb 2005

CN 1,4:8,11:15,18:22,25-Tetraethano-29H,31H-tetrabenzob[b,g,l,q]porphine,  
1,4,8,11,15,18,22,25-octahydro-6,13,20,27-tetrakis(phenylethynyl)- (9CI)  
(CA INDEX NAME)

MF C76 H54 N4

SR      CA

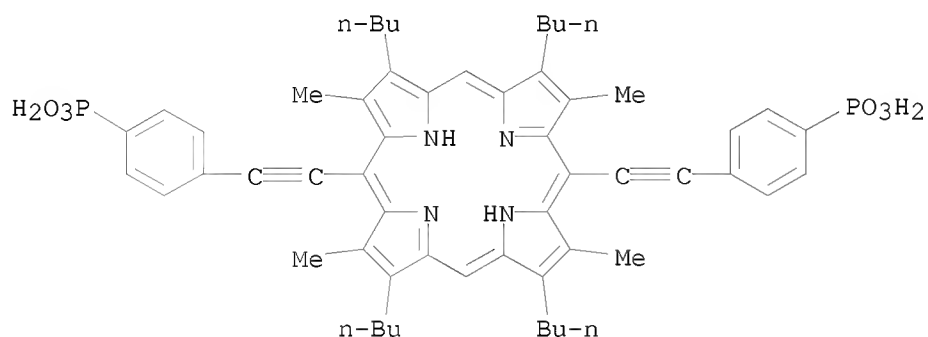
LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

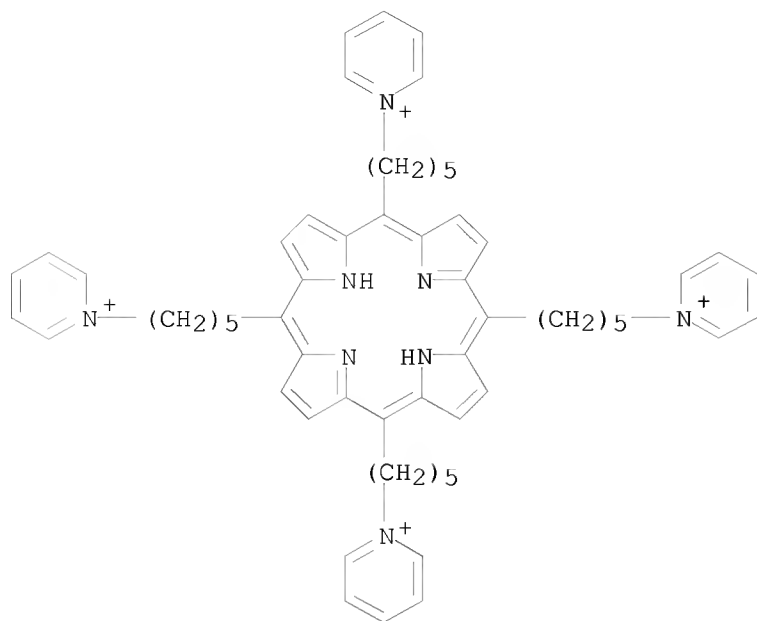
L14 ANSWER 67 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 815601-44-6 REGISTRY  
ED Entered STN: 18 Jan 2005  
CN Phosphonic acid, [(2,8,12,18-tetrabutyl-3,7,13,17-tetramethyl-21H,23H-porphine-5,15-diyl)bis(2,1-ethynediyl-4,1-phenylene)]bis- (9CI) (CA INDEX NAME)  
MF C56 H64 N4 O6 P2  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

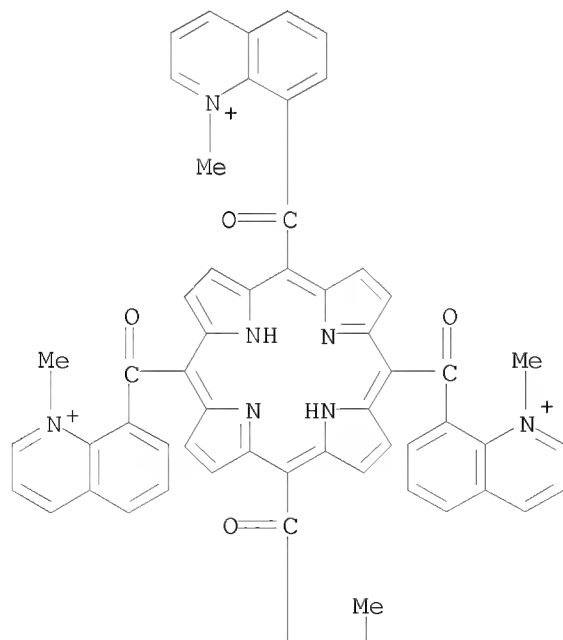
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

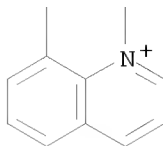
L14 ANSWER 68 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 782438-46-4 REGISTRY  
ED Entered STN: 16 Nov 2004  
CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-5,1-pentanediy)l)tetrakis- (9CI) (CA INDEX NAME)  
MF C60 H70 N8  
CI COM  
SR CA



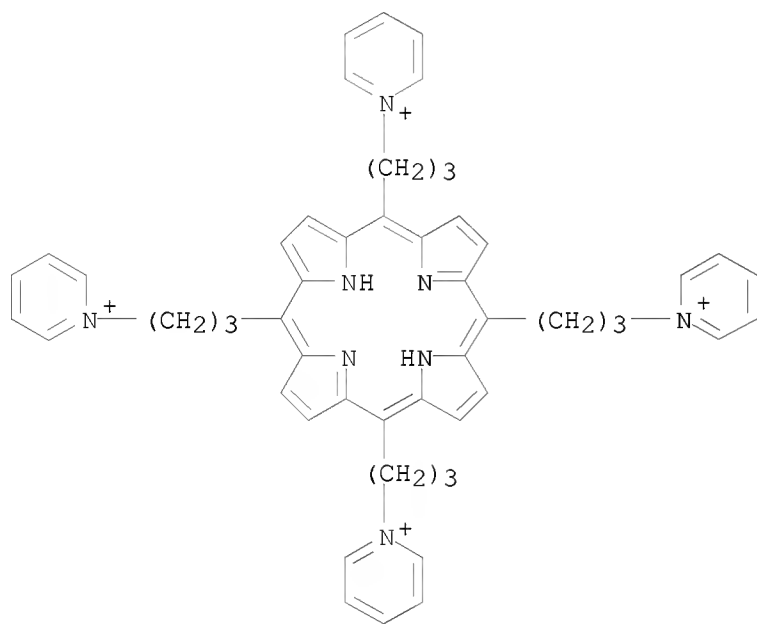
L14 ANSWER 69 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 773050-21-8 REGISTRY  
 ED Entered STN: 01 Nov 2004  
 CN Quinolinium, 8,8',8'',8'''-(21H,23H-porphine-5,10,15,20-tetrayltetracarbonyl)tetrakis[1-methyl- (9CI) (CA INDEX NAME)  
 MF C64 H46 N8 O4  
 CI COM  
 SR CA

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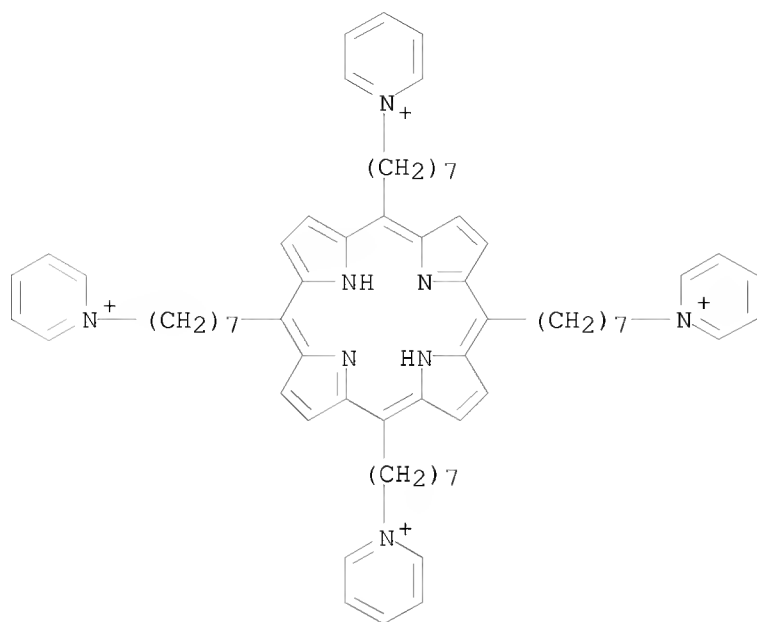




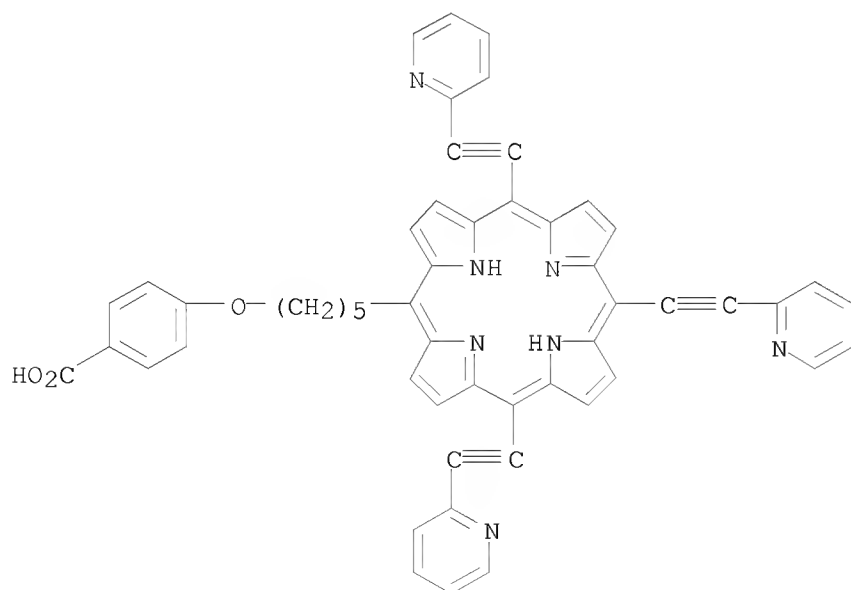
L14 ANSWER 70 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 749196-97-2 REGISTRY  
 ED Entered STN: 22 Sep 2004  
 CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-3,1-propanediyl)tetrakis- (9CI) (CA INDEX NAME)  
 MF C52 H54 N8  
 CI COM  
 SR CA



L14 ANSWER 71 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 735254-91-8 REGISTRY  
 ED Entered STN: 29 Aug 2004  
 CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-7,1-heptanediyl)tetrakis- (9CI) (CA INDEX NAME)  
 MF C68 H86 N8  
 CI COM  
 SR CA



L14 ANSWER 72 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 694520-03-1 REGISTRY  
 ED Entered STN: 17 Jun 2004  
 CN Benzoic acid, 4-[[5-[10,15,20-tris(2-pyridinyloxy)-21H,23H-porphin-5-yl]pentyl]oxy]- (9CI) (CA INDEX NAME)  
 MF C53 H37 N7 O3  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



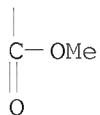
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 73 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 694489-45-7 REGISTRY  
ED Entered STN: 17 Jun 2004  
CN Poly[[15,20-bis[4-(methoxycarbonyl)phenyl]-21H,23H-porphine-5,10-diyl]-1,2-ethynediyl(2,2',3,3'-tetrahydro[5,5'-bithieno[3,4-b]-1,4-dioxin]-7,7'-diyl)-1,2-ethynediyl] (9CI) (CA INDEX NAME)  
MF (C52 H32 N4 O8 S2)n  
CI PMS  
PCT Polyamine  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\*

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*



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n

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 74 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 692779-18-3 REGISTRY  
ED Entered STN: 14 Jun 2004  
CN Benzoic acid, 4,4'-[10,20-bis[(2,3-dihydrothieno[3,4-b]-1,4-dioxin-5-yl)ethynyl]-21H,23H-porphine-5,15-diyl]bis-, dimethyl ester, homopolymer (9CI) (CA INDEX NAME)

MF (C52 H34 N4 O8 S2)x  
CI PMS  
PCT Polyacetylene  
SR CA  
LC STN Files: CA, CAPLUS

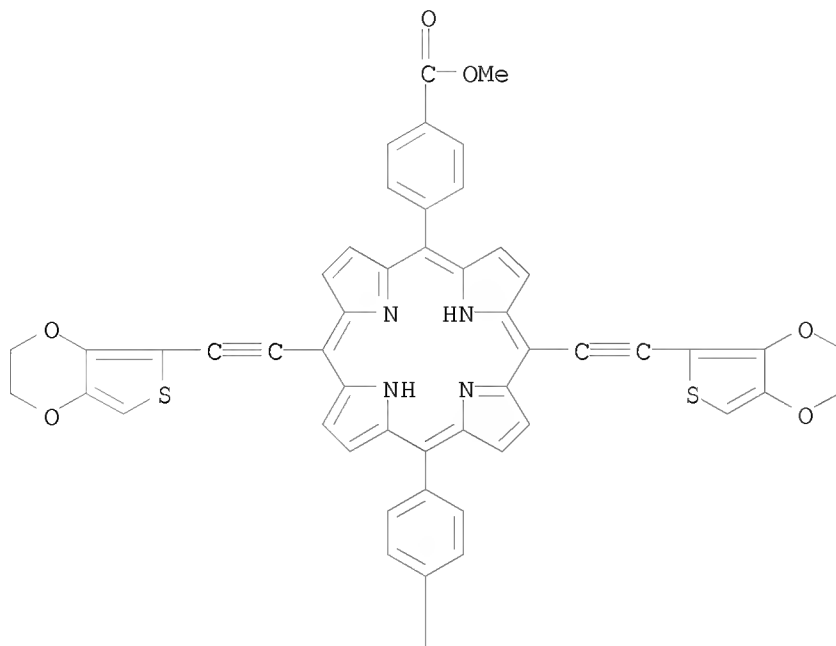
\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\*

CM 1

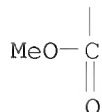
CRN 692779-15-0

CMF C52 H34 N4 O8 S2

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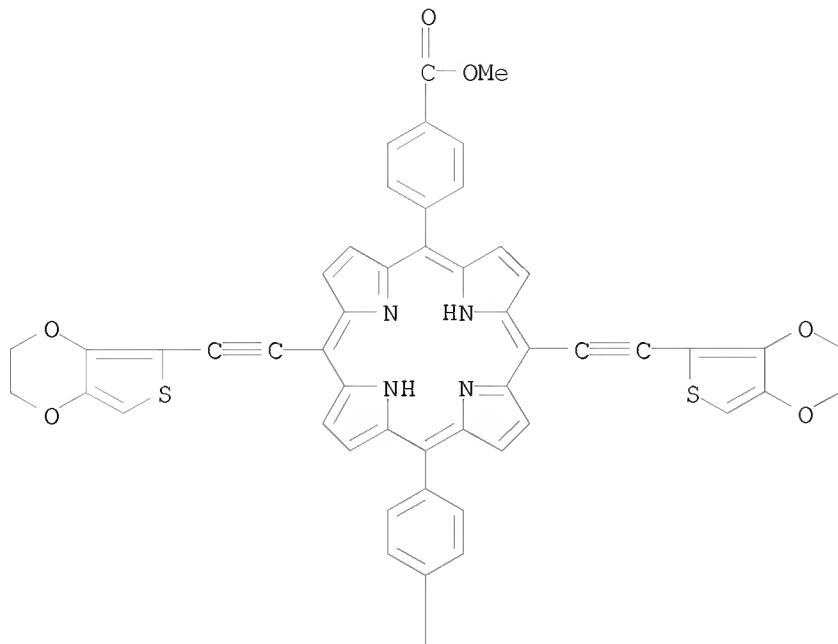
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1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 75 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 692779-15-0 REGISTRY  
ED Entered STN: 14 Jun 2004  
CN Benzoic acid, 4,4'-[10,20-bis[(2,3-dihydrothieno[3,4-b]-1,4-dioxin-5-yl)ethynyl]-21H,23H-porphine-5,15-diyl]bis-, dimethyl ester (9CI) (CA INDEX NAME)  
DR 692779-17-2  
MF C52 H34 N4 O8 S2

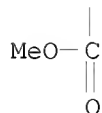


CI COM  
SR CA  
LC STN Files: CA, CAPLUS

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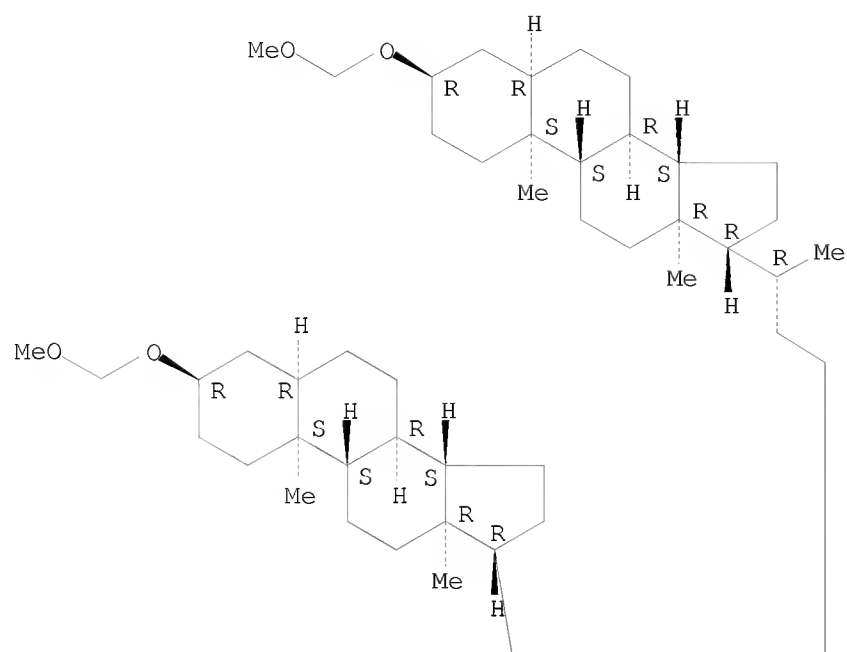
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

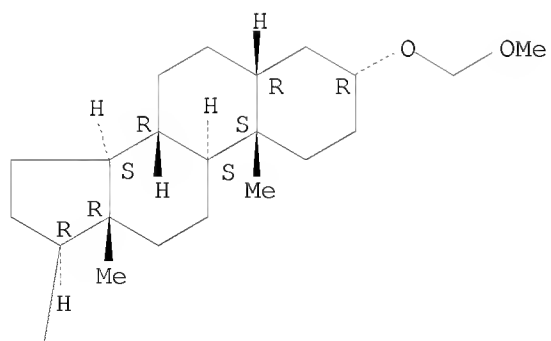
L14 ANSWER 76 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 673488-33-0 REGISTRY  
ED Entered STN: 09 Apr 2004  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(3 $\alpha$ ,5 $\beta$ )-3-(methoxymethoxy)-24-norcholan-23-yl]- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C120 H182 N4 O8  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

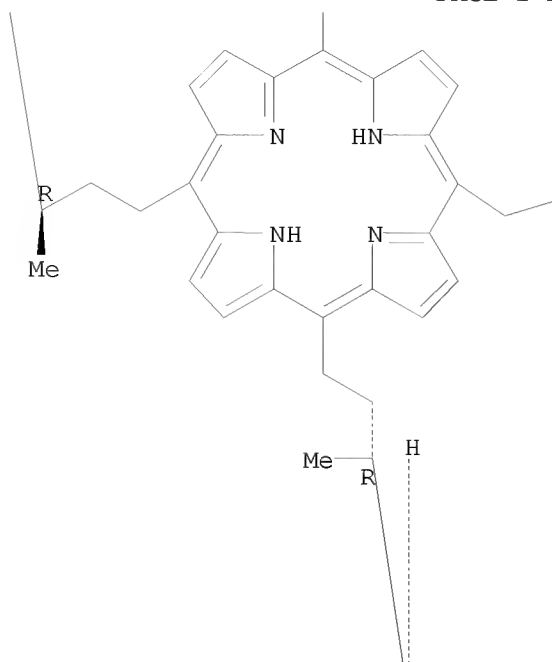
PAGE 1-A



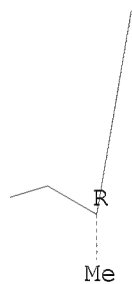
PAGE 1-B



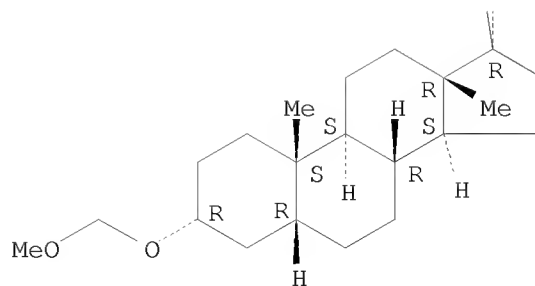
PAGE 2-A



PAGE 2-B



PAGE 3-A



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

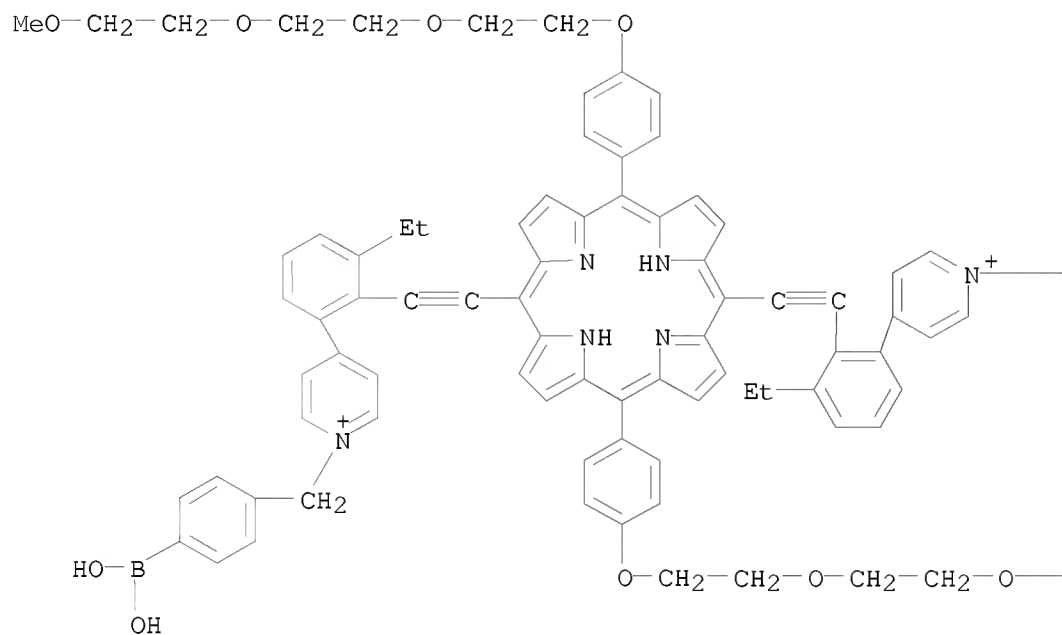
L14 ANSWER 77 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 663621-86-1 REGISTRY

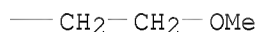
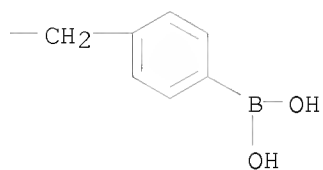
ED Entered STN: 16 Mar 2004  
 CN D-Galactose, 6-deoxy-, compd. with  
 4,4'-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-  
 porphine-5,15-diyl]bis[2,1-ethynediyl(3-ethyl-2,1-phenylene)]]bis[1-(4-  
 boronophenyl)methyl]pyridinium] dibromide (1:1) (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C90 H88 B2 N6 O12 . C6 H12 O5 . 2 Br  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

CRN 663621-84-9  
 CMF C90 H88 B2 N6 O12

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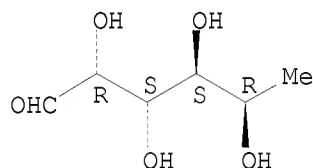


CM 2

CRN 3615-37-0

CMF C6 H12 O5

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 78 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 663621-85-0 REGISTRY

ED Entered STN: 16 Mar 2004

CN L-Galactose, 6-deoxy-, compd. with

4,4'-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis[2,1-ethynediyl(3-ethyl-2,1-phenylene)]]bis[1-[(4-boronophenyl)methyl]pyridinium] dibromide (1:1) (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C90 H88 B2 N6 O12 . C6 H12 O5 . 2 Br

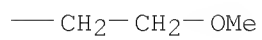
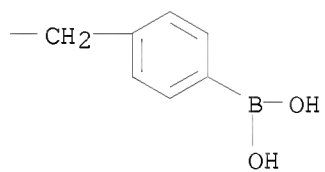
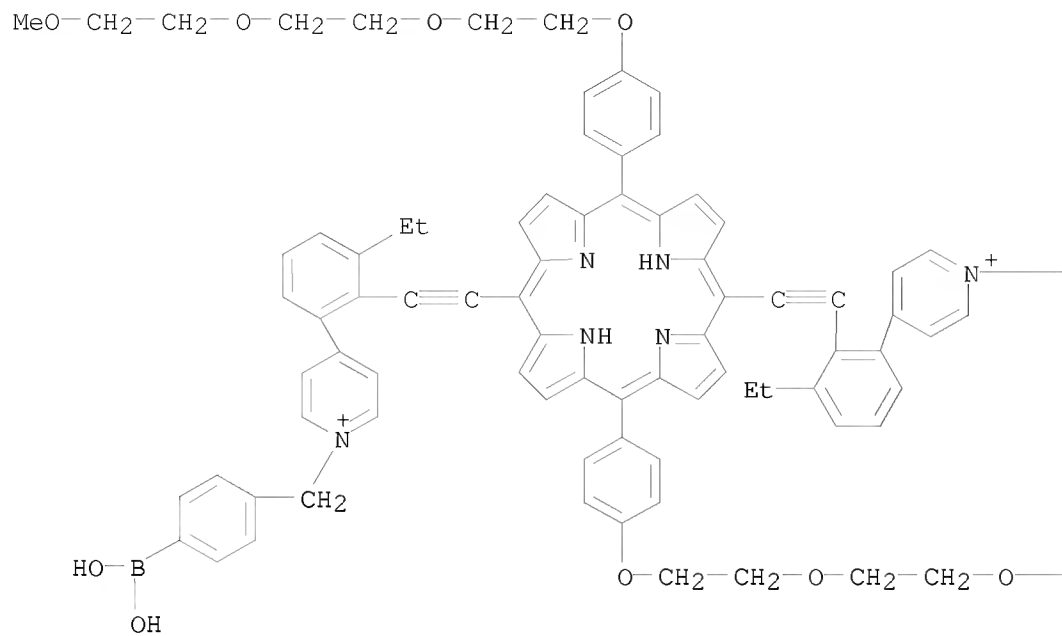
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 663621-84-9

CMF C90 H88 B2 N6 O12

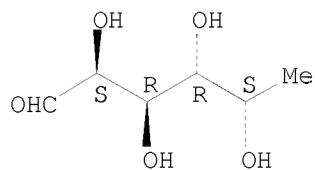


CM 2

CRN 2438-80-4

CMF C6 H12 O5

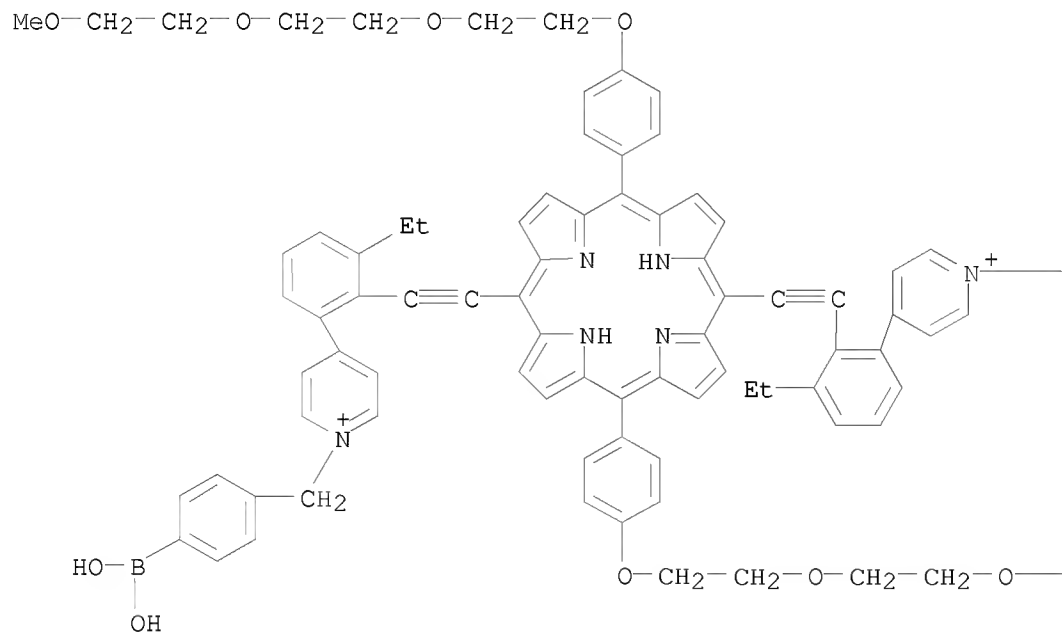
Absolute stereochemistry.

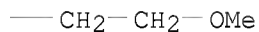
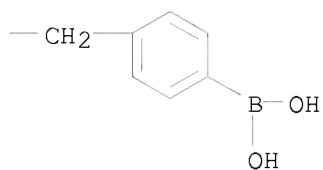


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 79 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 663621-84-9 REGISTRY  
ED Entered STN: 16 Mar 2004  
CN Pyridinium, 4,4'-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis[2,1-ethynediyl(3-ethyl-2,1-phenylene)]]bis[1-[(4-boronophenyl)methyl]- (9CI)  
(CA INDEX NAME)  
MF C90 H88 B2 N6 O12  
CI COM  
SR CA

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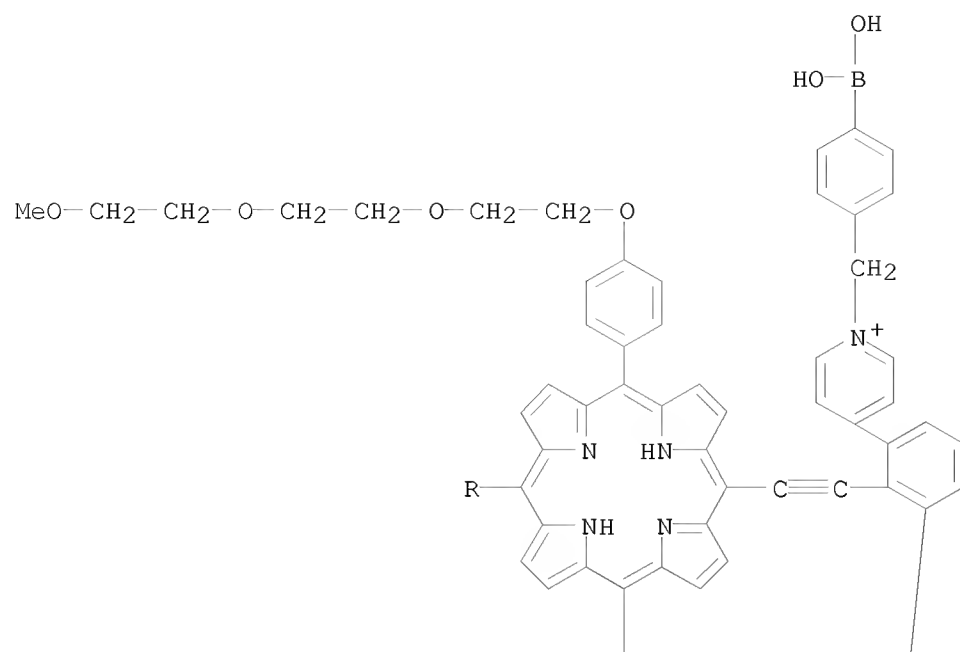
L14 ANSWER 80 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 663621-83-8 REGISTRY  
 ED Entered STN: 16 Mar 2004  
 CN D-Glucose, O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-, compd. with 4,4',4'',4'''-[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C110 H102 B4 N8 O16 . 2 C36 H62 O31 . 4 Br  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

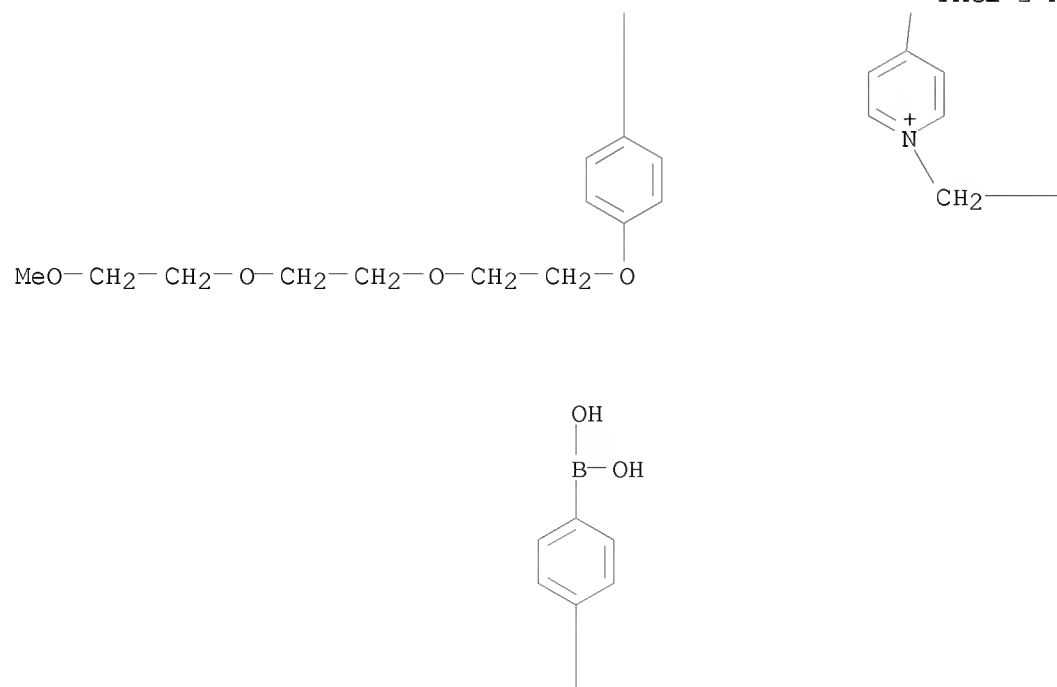
CRN 663621-72-5  
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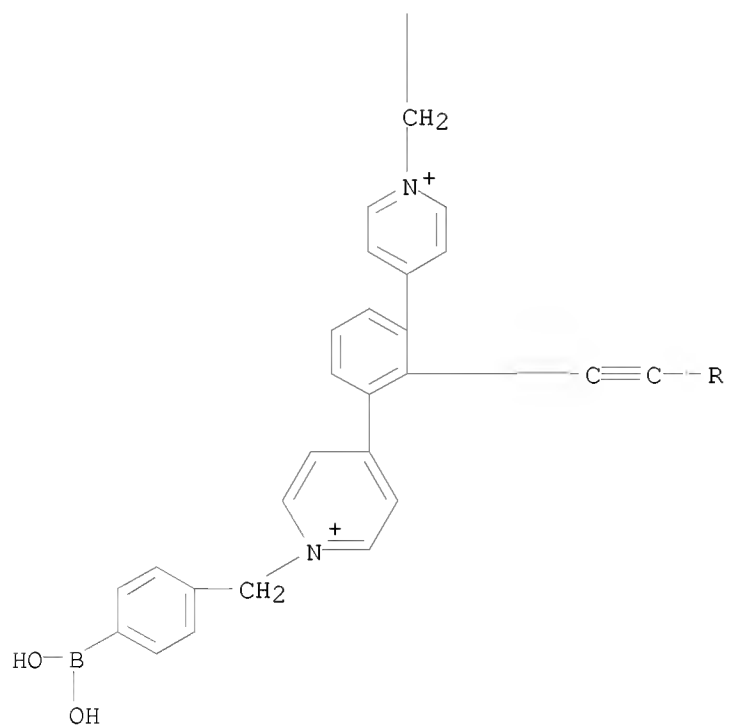
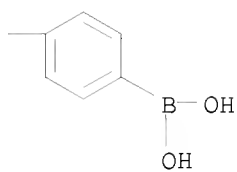


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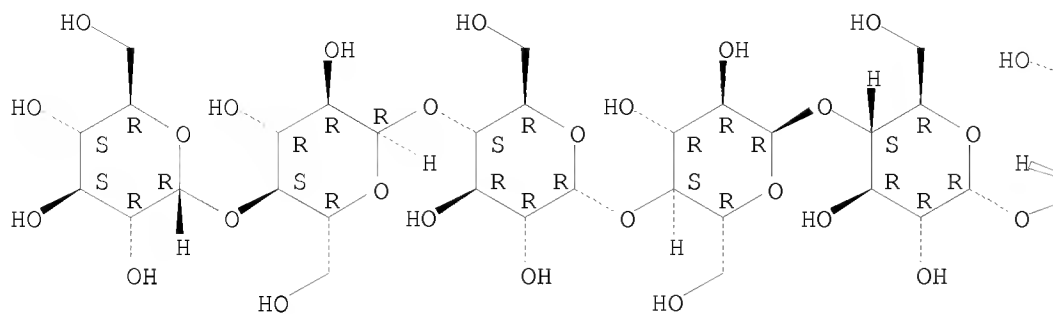
CM 2

CRN 34620-77-4

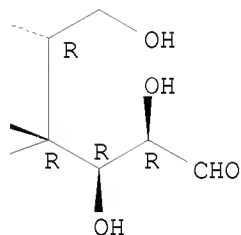
CMF C36 H62 O31

Absolute stereochemistry.

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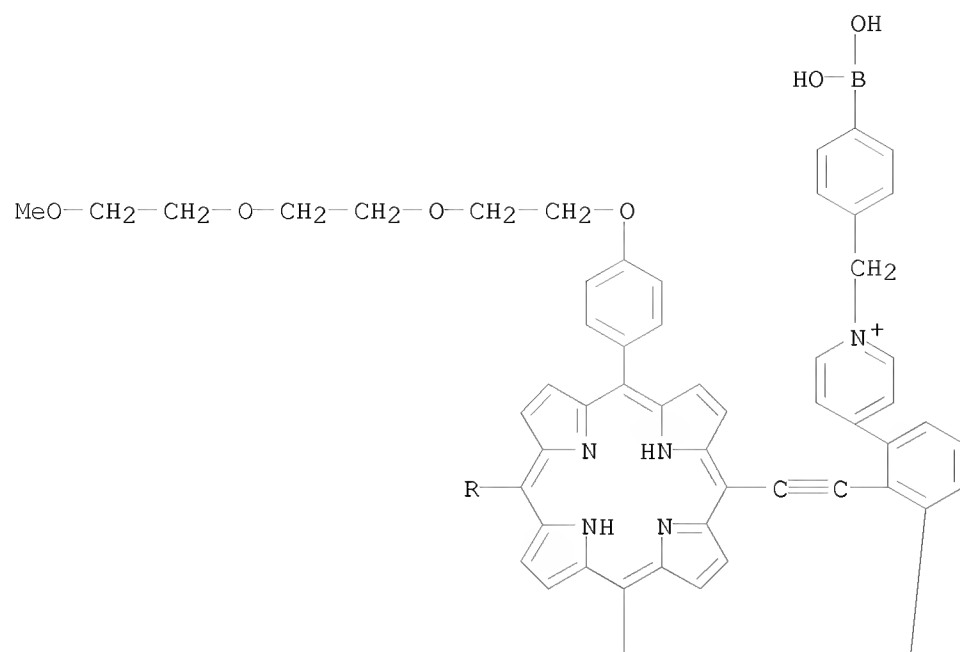
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 81 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 663621-82-7 REGISTRY  
ED Entered STN: 16 Mar 2004  
CN D-Glucose, O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-O- $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-, compd. with  
4,4',4'',4'''-[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-  
21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-  
benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide  
(2:1) (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C110 H102 B4 N8 O16 . 2 C18 H32 O16 . 4 Br  
SR CA  
LC STN Files: CA, CAPLUS

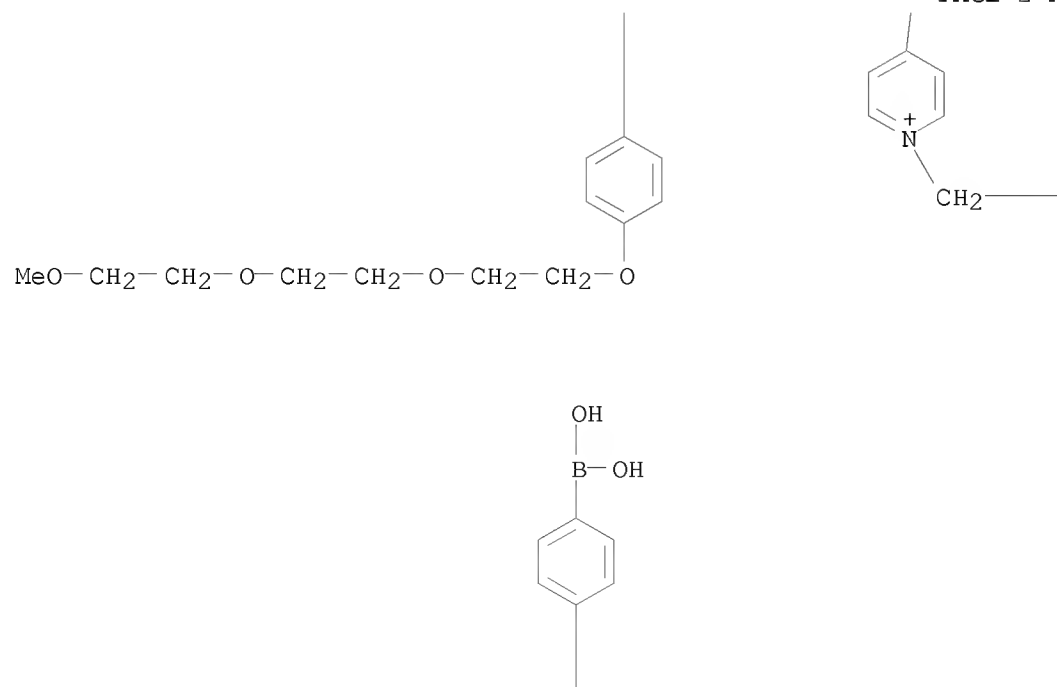
CM 1

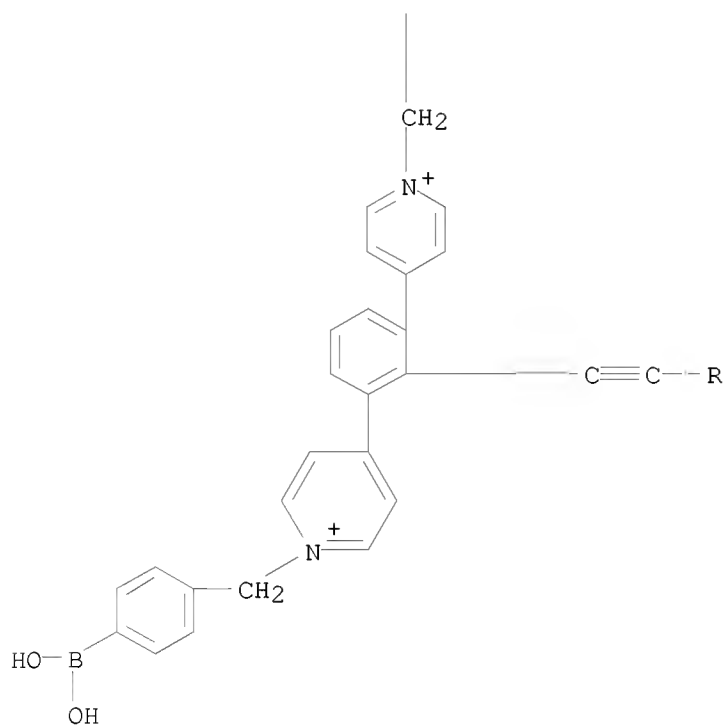
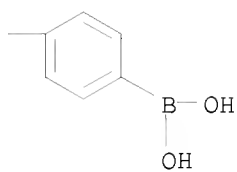
CRN 663621-72-5  
CMF C110 H102 B4 N8 O16

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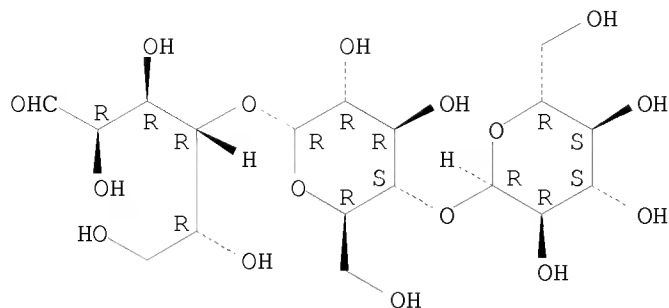




CM 2

CRN 1109-28-0  
CMF C18 H32 O16

Absolute stereochemistry.



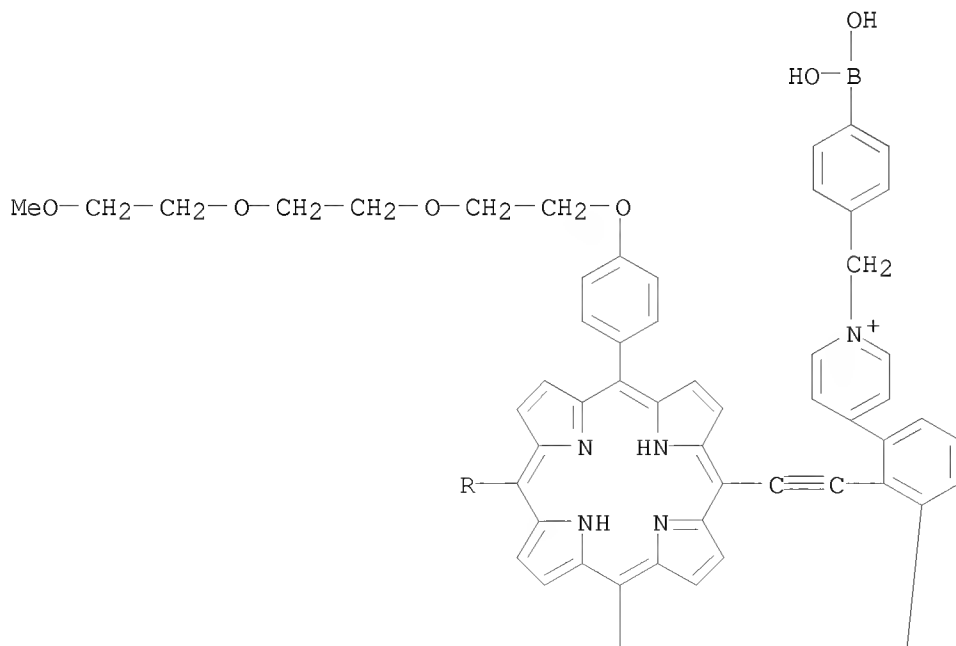
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 82 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 663621-81-6 REGISTRY  
ED Entered STN: 16 Mar 2004  
CN D-Glucose, 4-O- $\alpha$ -D-glucopyranosyl-, compd. with  
4,4',4'',4'''-[ [10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-  
21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-  
benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide  
(2:1) (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C110 H102 B4 N8 O16 . 2 C12 H22 O11 . 4 Br  
SR CA  
LC STN Files: CA, CAPLUS

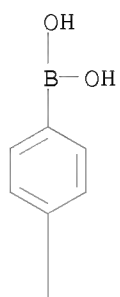
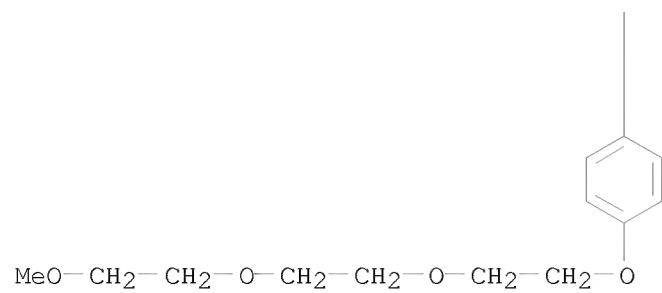
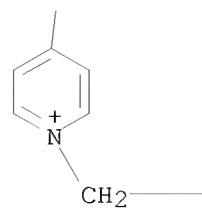
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CRN 663621-72-5  
CMF C110 H102 B4 N8 O16

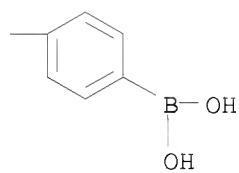
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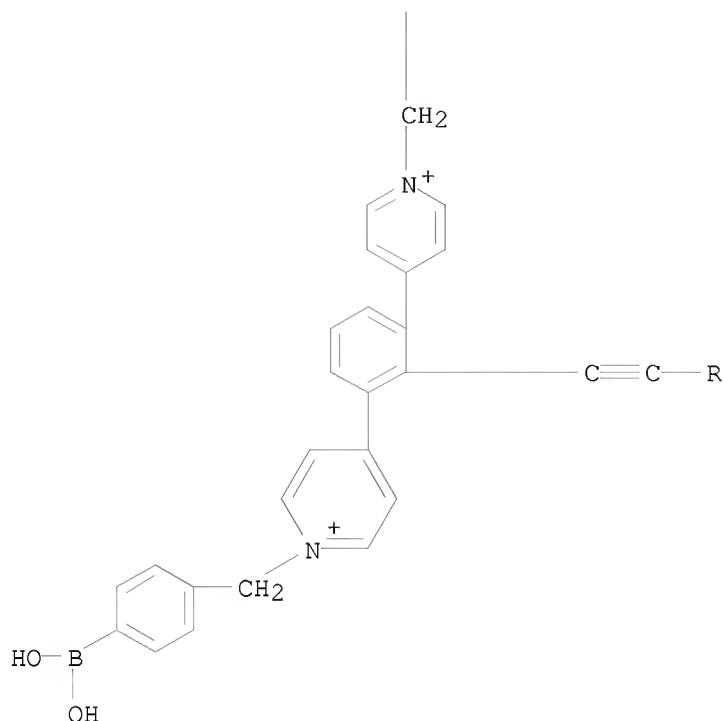


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PAGE 2-B



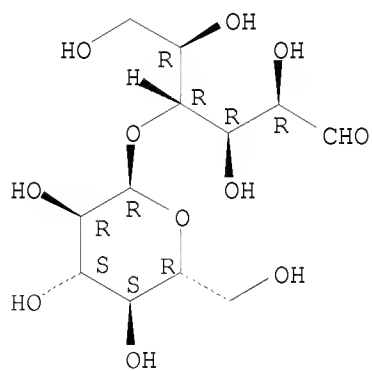


CM 2

CRN 69-79-4

CMF C12 H22 O11

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 83 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 663621-80-5 REGISTRY

ED Entered STN: 16 Mar 2004

CN D-Ribose, compd. with 4,4',4'',4'''-[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)

FS STEREOSEARCH

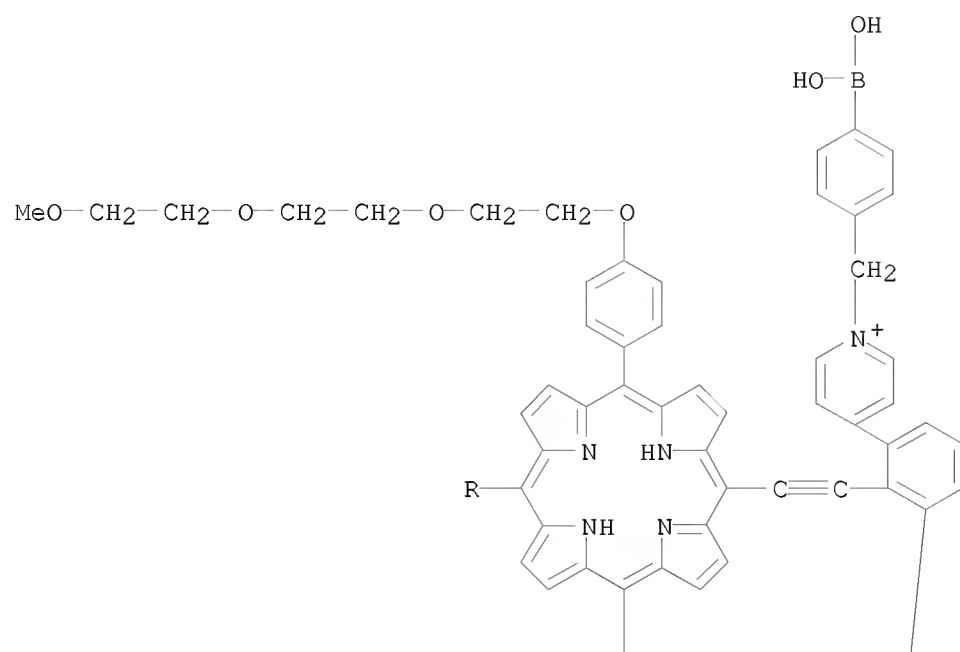


MF C110 H102 B4 N8 O16 . 2 C5 H10 O5 . 4 Br  
SR CA  
LC STN Files: CA, CAPLUS

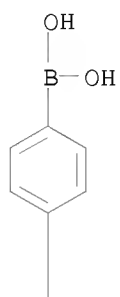
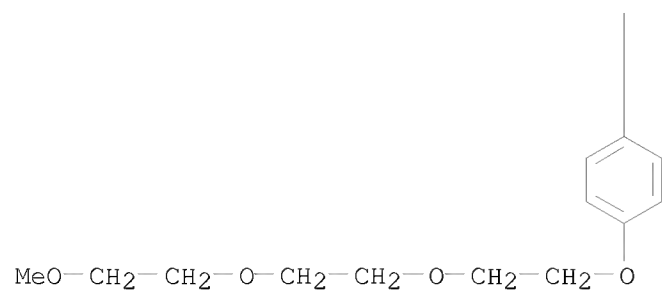
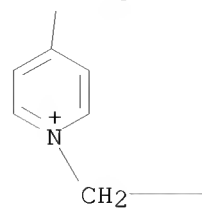
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CRN 663621-72-5  
CMF C110 H102 B4 N8 O16

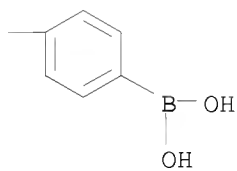
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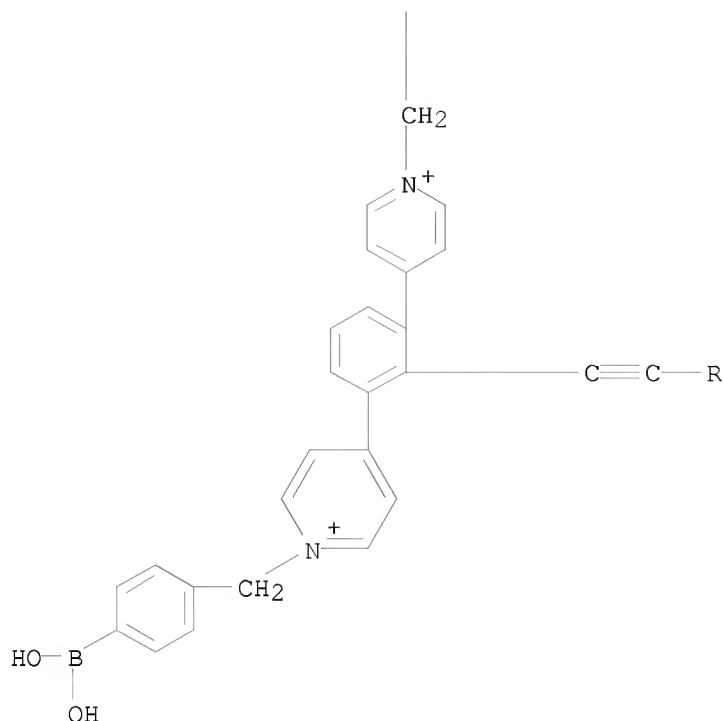


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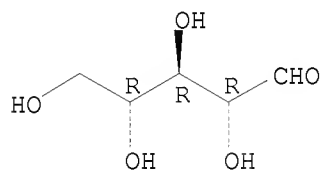


CM 2

CRN 50-69-1

CMF C5 H10 O5

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 84 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 663621-79-2 REGISTRY

ED Entered STN: 16 Mar 2004

CN D-Galactose, compd. with 4,4',4'',4'''-[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C110 H102 B4 N8 O16 . 2 C6 H12 O6 . 4 Br

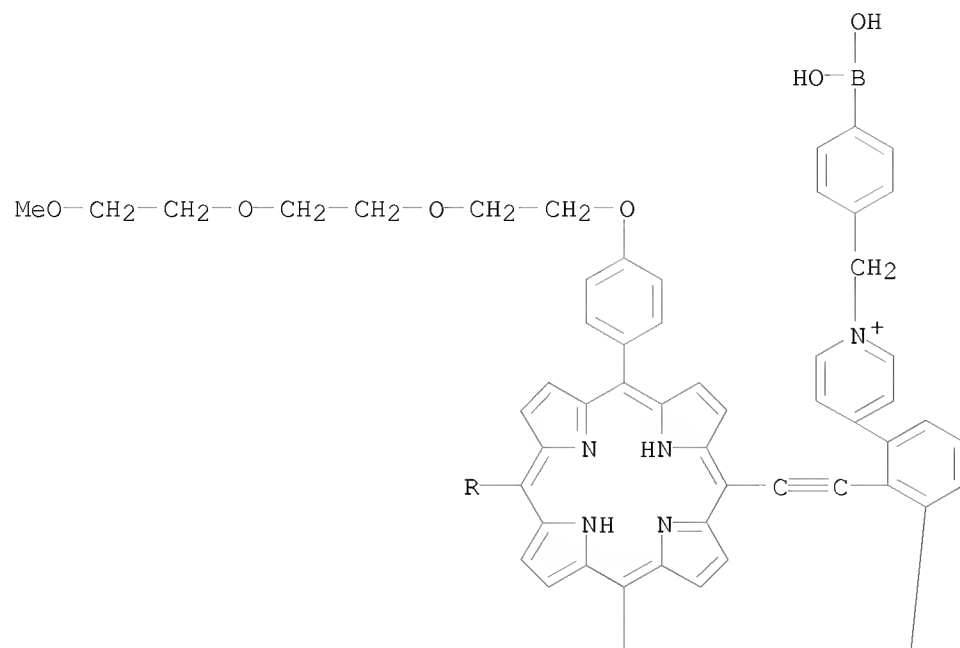
SR CA

LC STN Files: CA, CAPLUS

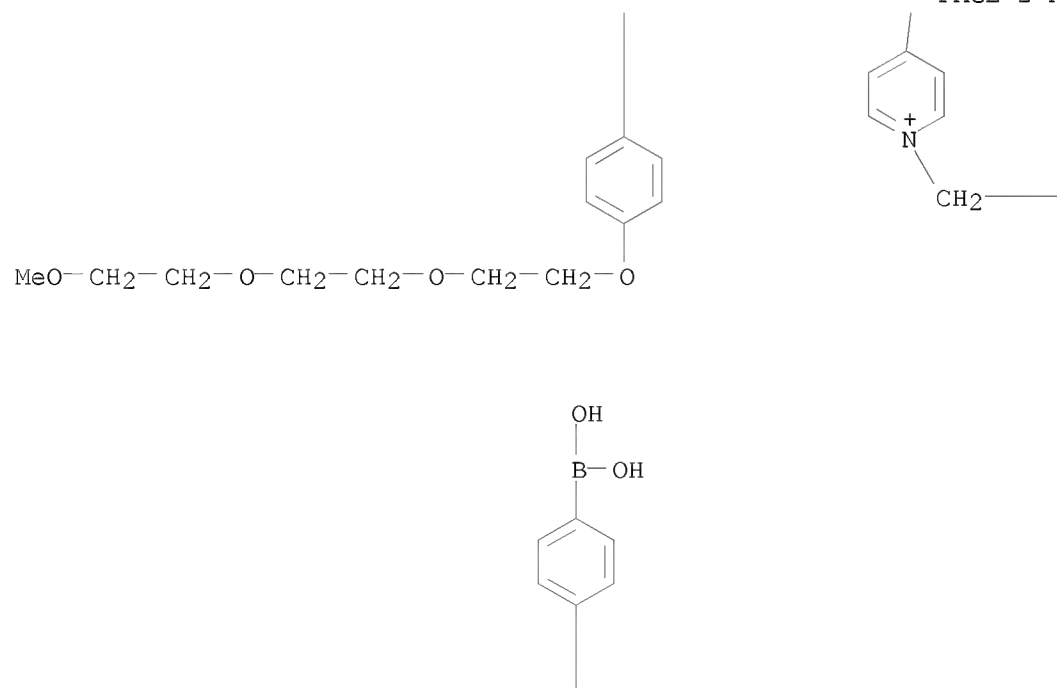
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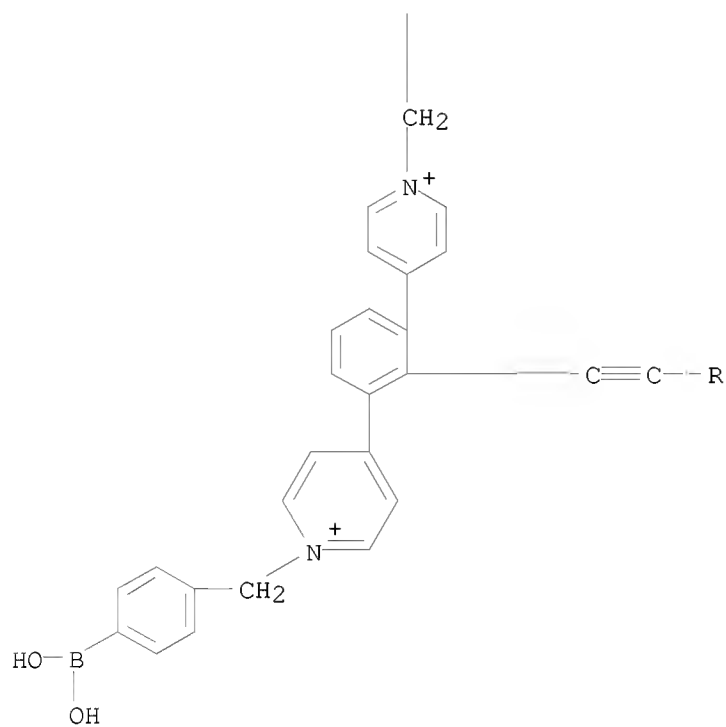
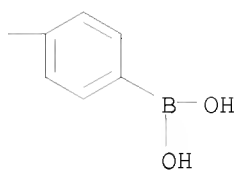
CRN 663621-72-5

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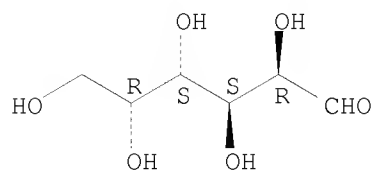


CM 2

CRN 59-23-4

CMF C6 H12 O6

Absolute stereochemistry. Rotation (+).



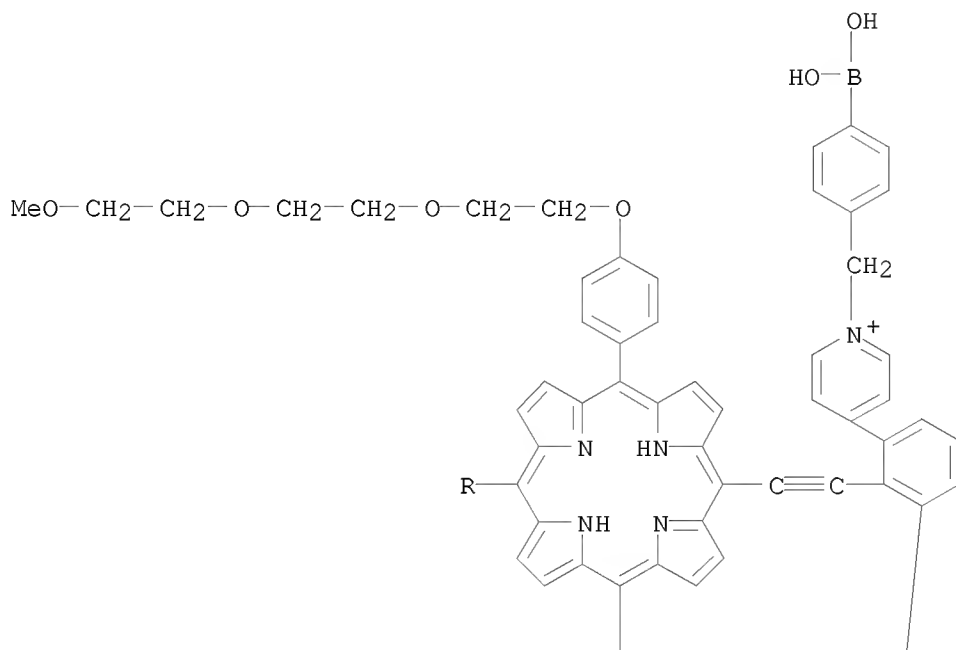
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 85 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 663621-78-1 REGISTRY  
 ED Entered STN: 16 Mar 2004  
 CN D-Fructose, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C110 H102 B4 N8 O16 . 2 C6 H12 O6 . 4 Br  
 SR CA  
 LC STN Files: CA, CAPLUS

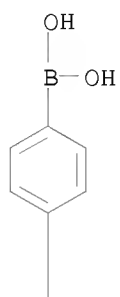
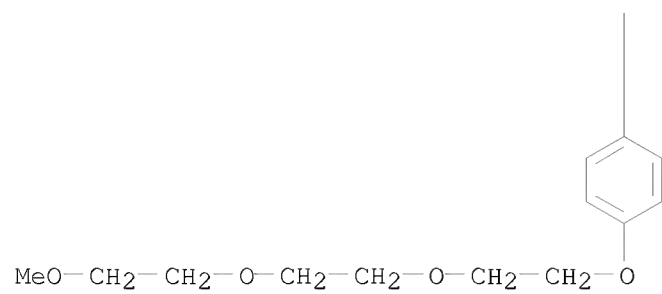
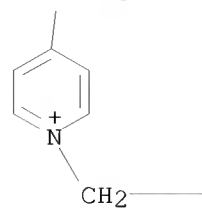
CM 1

CRN 663621-72-5  
 CMF C110 H102 B4 N8 O16

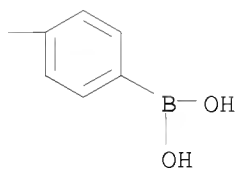
PAGE 1-A

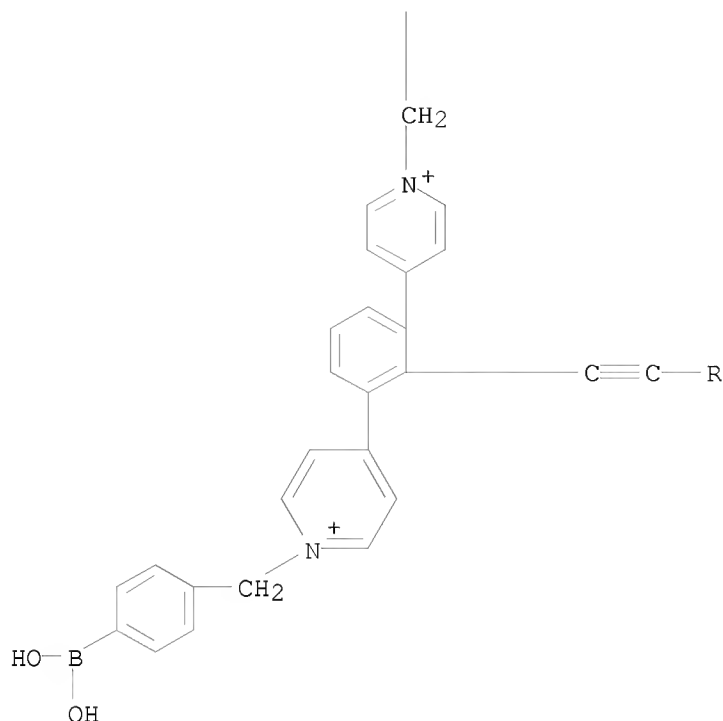


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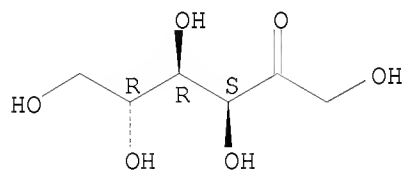


CM 2

CRN 57-48-7

CMF C6 H12 O6

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 86 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 663621-77-0 REGISTRY

ED Entered STN: 16 Mar 2004

CN D-Arabinose, compd. with 4,4',4'',4'''-[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C110 H102 B4 N8 O16 . 2 C5 H10 O5 . 4 Br

SR CA

LC STN Files: CA, CAPLUS

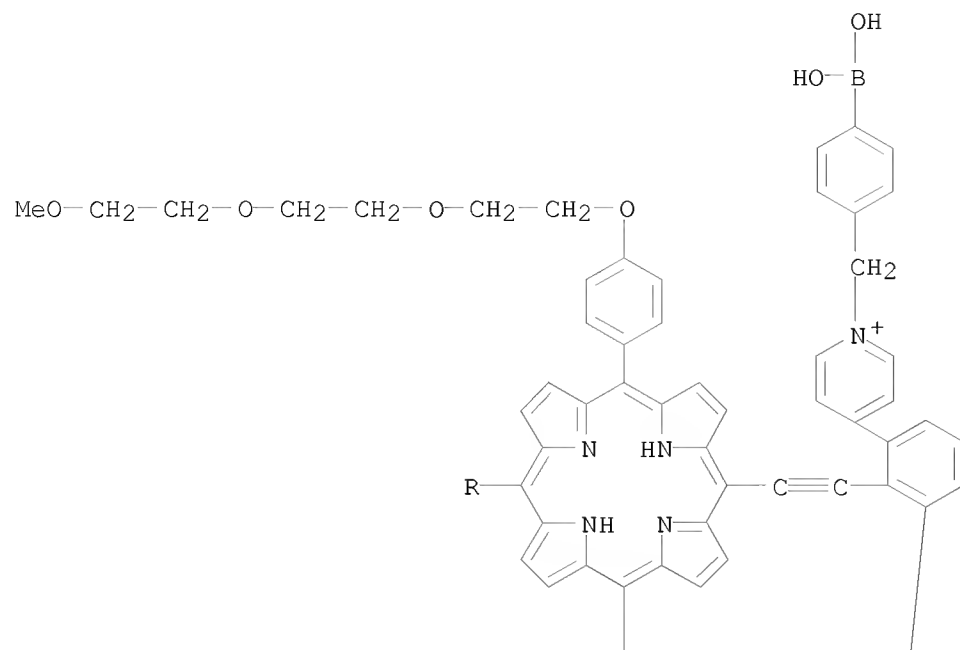
CM 1

CRN 663621-72-5

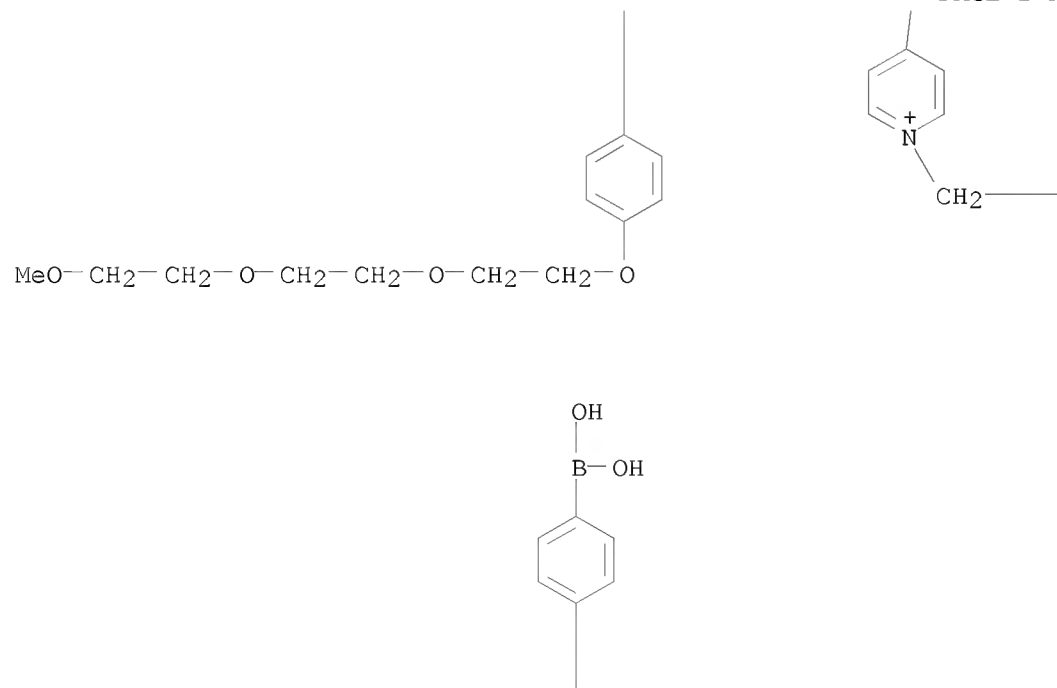


CMF C110 H102 B4 N8 O16

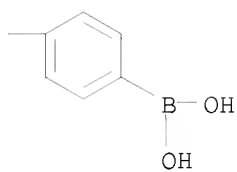
PAGE 1-A



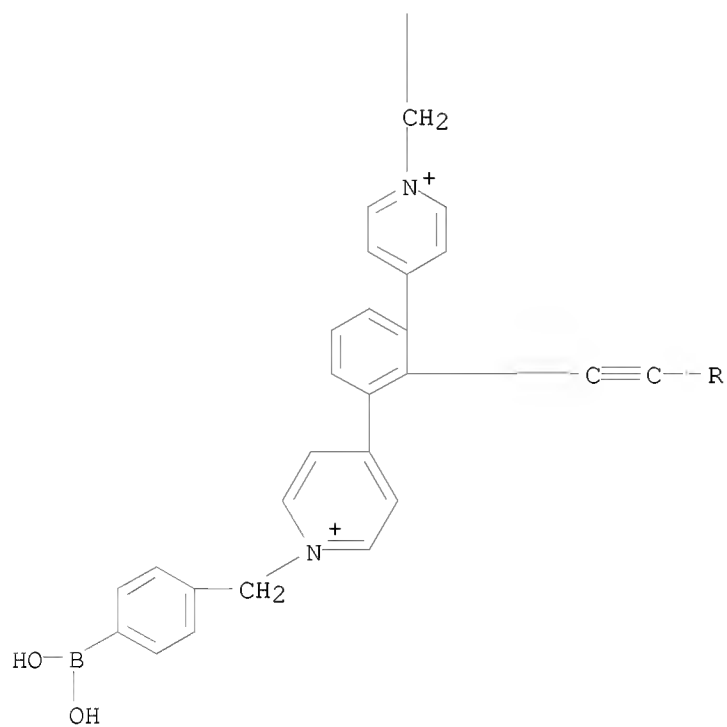
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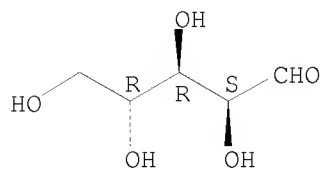


CM 2

CRN 10323-20-3

CMF C5 H10 O5

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

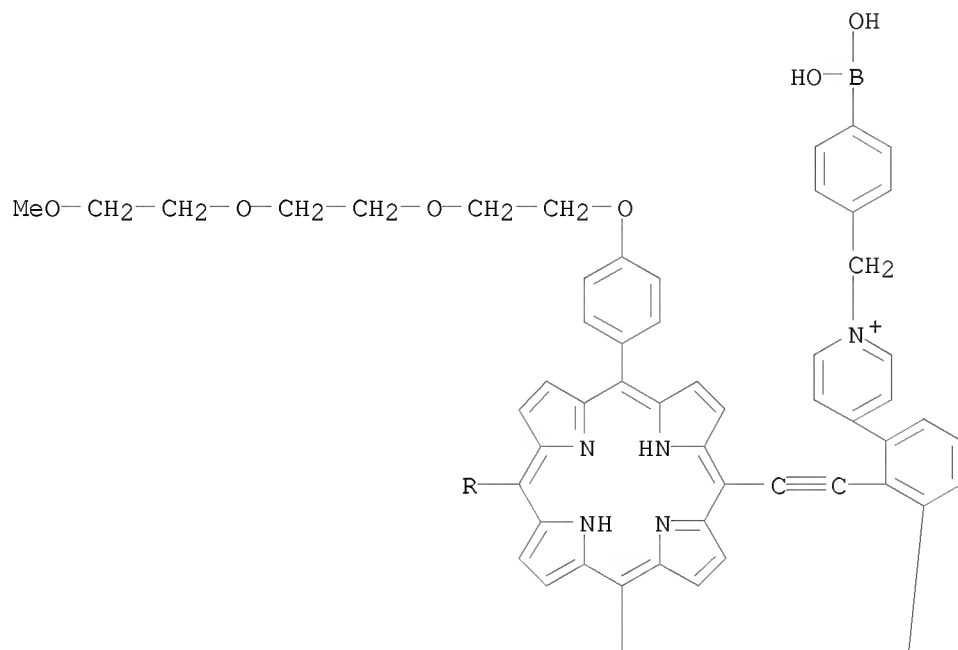
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 87 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 663621-76-9 REGISTRY  
 ED Entered STN: 16 Mar 2004  
 CN D-Glucose, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C110 H102 B4 N8 O16 . 2 C6 H12 O6 . 4 Br  
 SR CA  
 LC STN Files: CA, CAPLUS

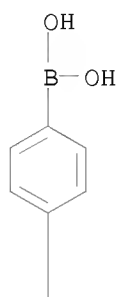
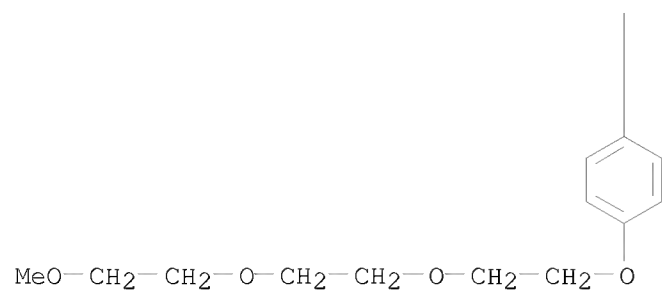
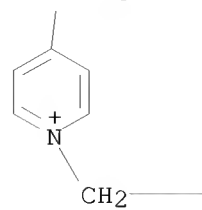
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CRN 663621-72-5  
 CMF C110 H102 B4 N8 O16

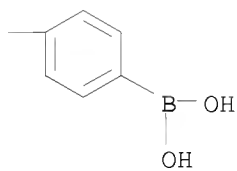
PAGE 1-A

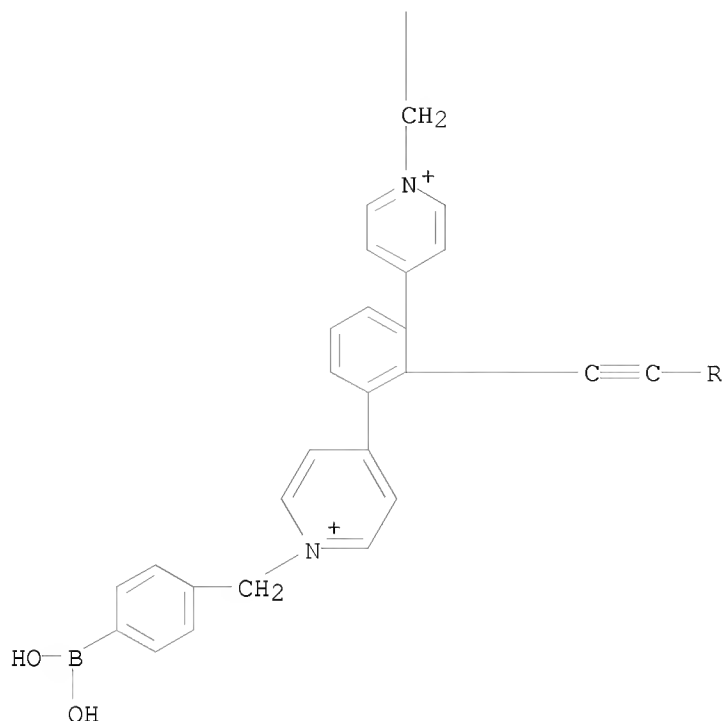


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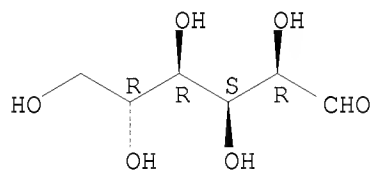


CM 2

CRN 50-99-7

CMF C6 H12 O6

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 88 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 663621-75-8 REGISTRY

ED Entered STN: 16 Mar 2004

CN D-Xylose, compd. with 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide (2:1) (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C110 H102 B4 N8 O16 . 2 C5 H10 O5 . 4 Br

SR CA

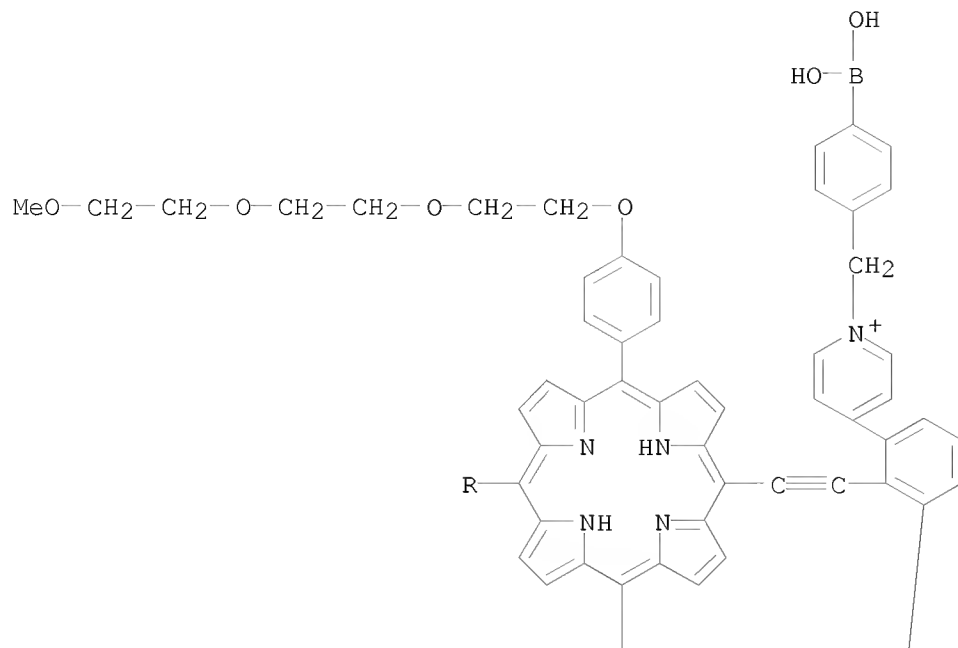
LC STN Files: CA, CAPLUS

CM 1

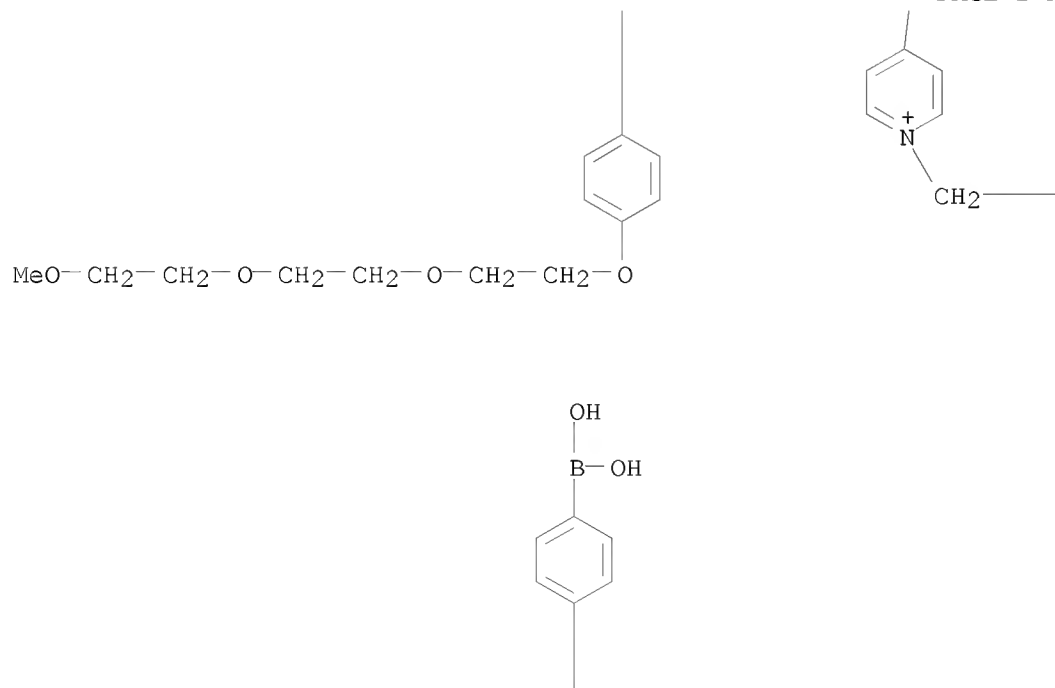
CRN 663621-72-5

CMF C110 H102 B4 N8 O16

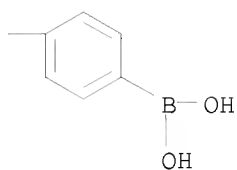
PAGE 1-A



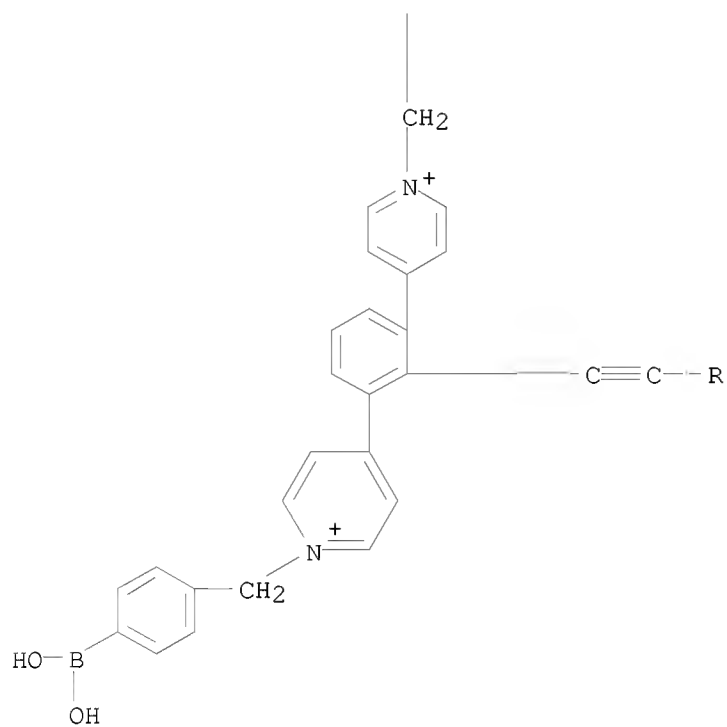
PAGE 2-A



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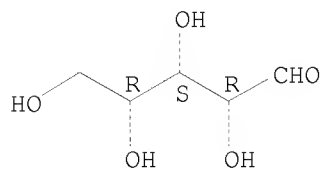


CM 2

CRN 58-86-6

CMF C5 H10 O5

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

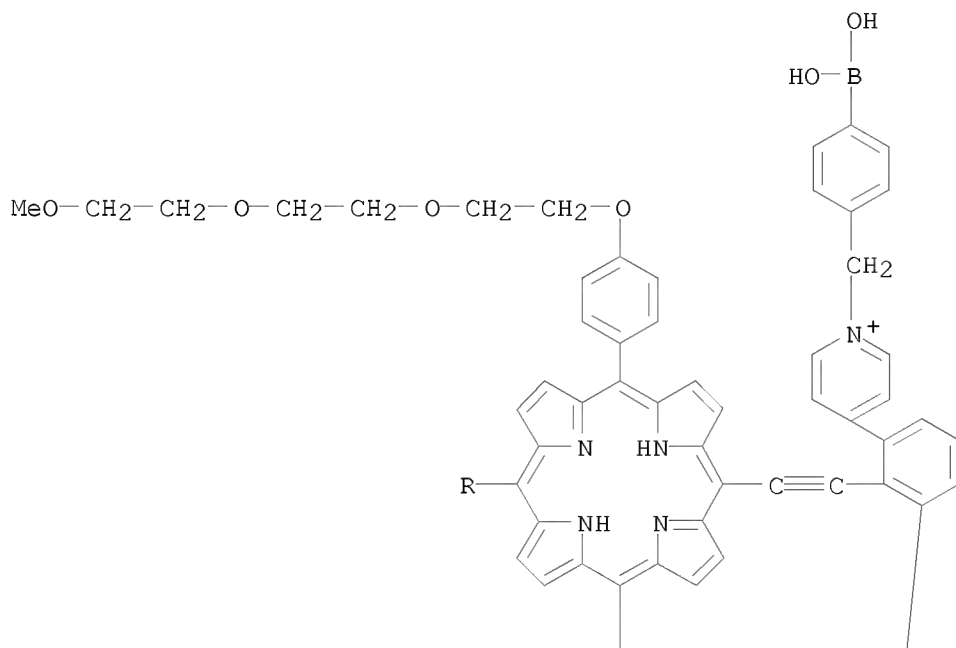
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 89 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 663621-74-7 REGISTRY  
 ED Entered STN: 16 Mar 2004  
 CN D-Galactose, 6-deoxy-, compd. with  
 4,4',4'',4'''-[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-  
 21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-  
 benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide  
 (2:1) (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C110 H102 B4 N8 O16 . 2 C6 H12 O5 . 4 Br  
 SR CA  
 LC STN Files: CA, CAPLUS

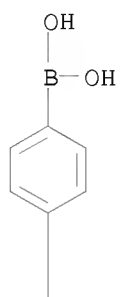
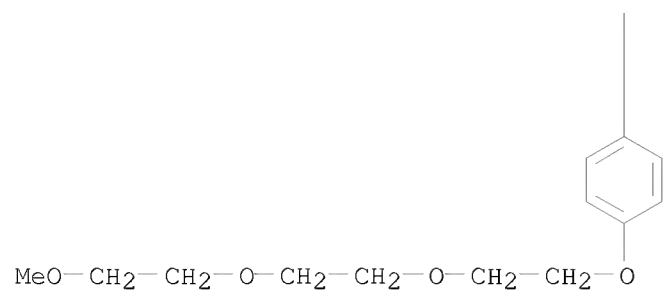
CM 1

CRN 663621-72-5  
 CMF C110 H102 B4 N8 O16

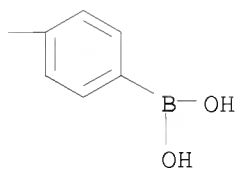
PAGE 1-A

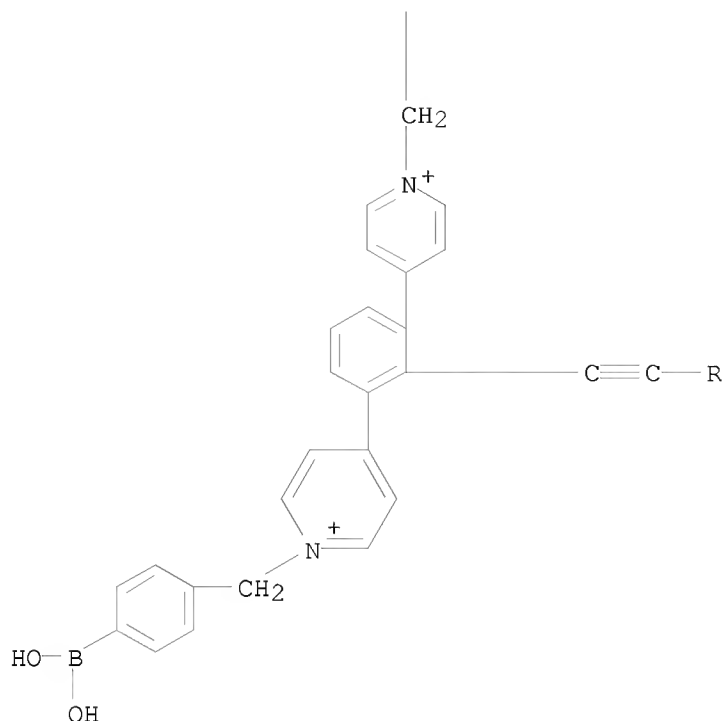




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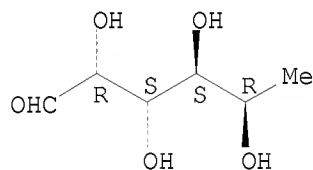


CM 2

CRN 3615-37-0

CMF C6 H12 O5

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 90 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 663621-73-6 REGISTRY

ED Entered STN: 16 Mar 2004

CN L-Galactose, 6-deoxy-, compd. with  
 4,4',4'',4'''-[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-  
 21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-  
 benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]pyridinium] tetrabromide  
 (2:1) (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C110 H102 B4 N8 O16 . 2 C6 H12 O5 . 4 Br

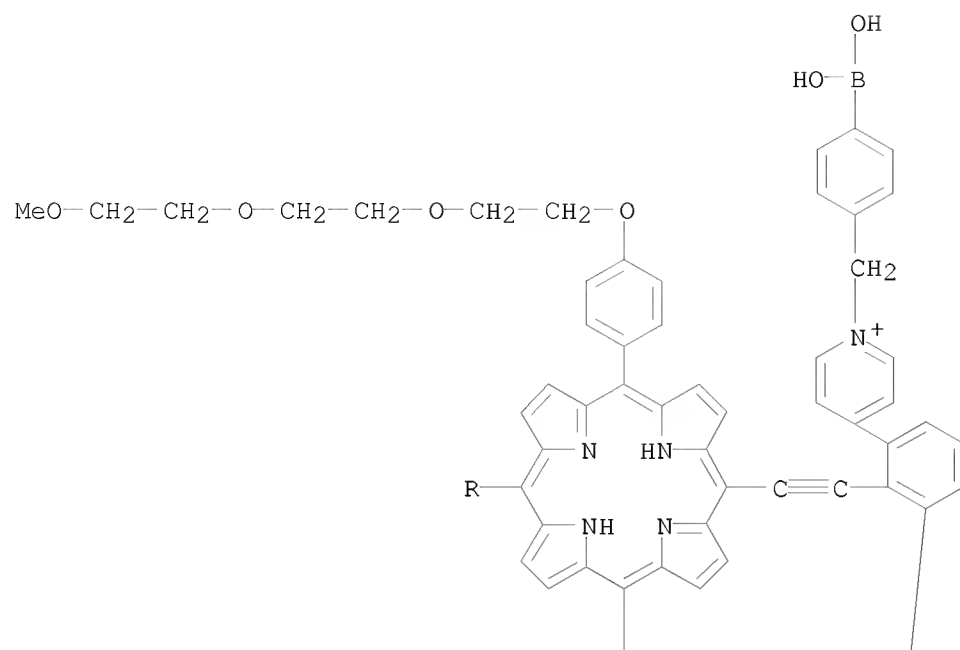
SR CA

LC STN Files: CA, CAPLUS

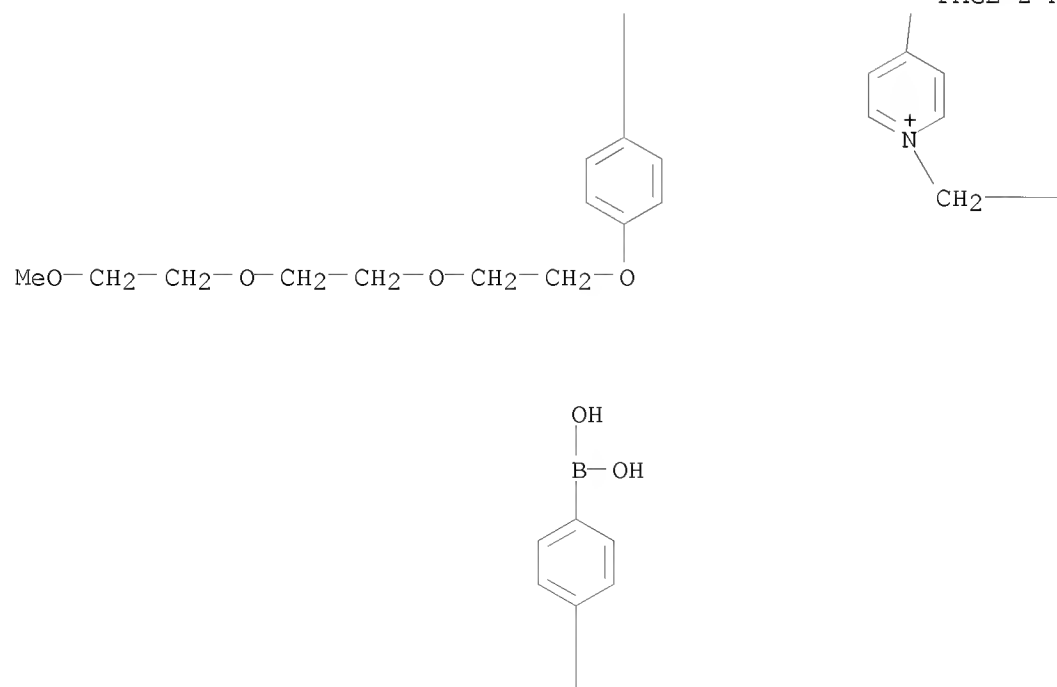
CM 1

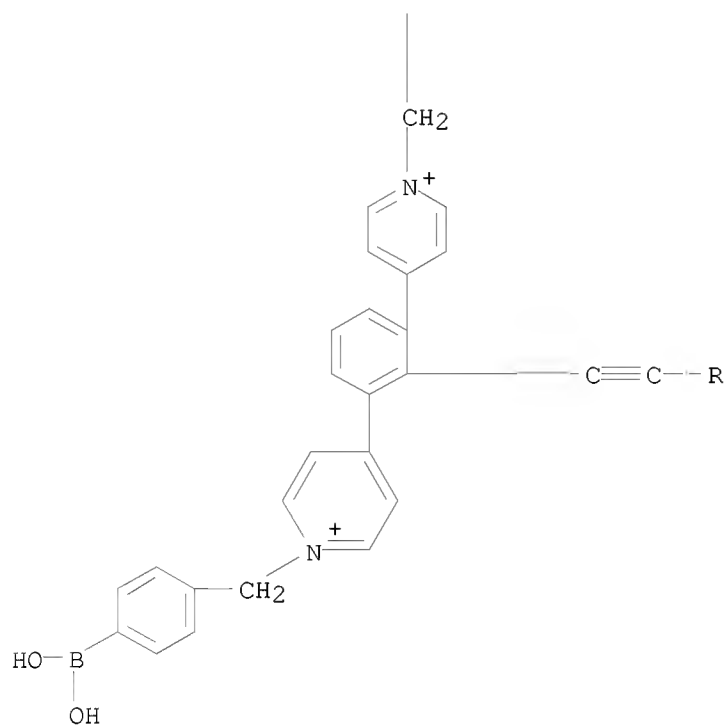
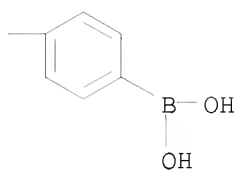
CRN 663621-72-5  
 CMF C110 H102 B4 N8 O16

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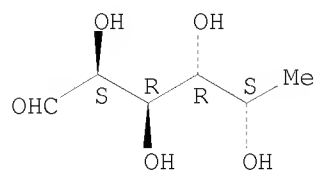


CM 2

CRN 2438-80-4

CMF C6 H12 O5

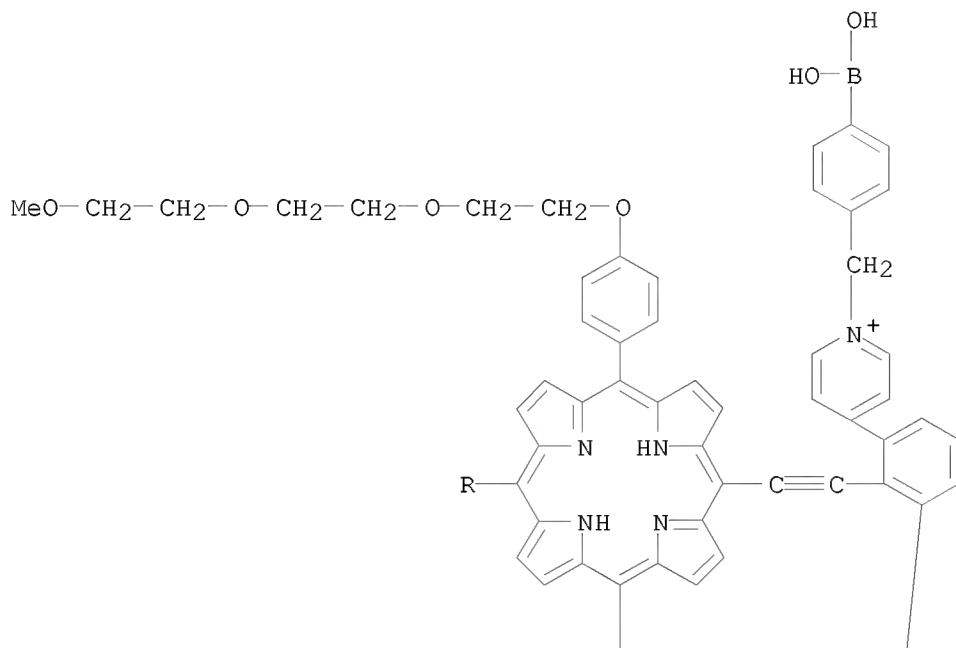
Absolute stereochemistry.



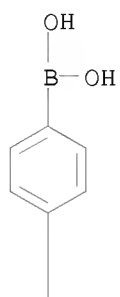
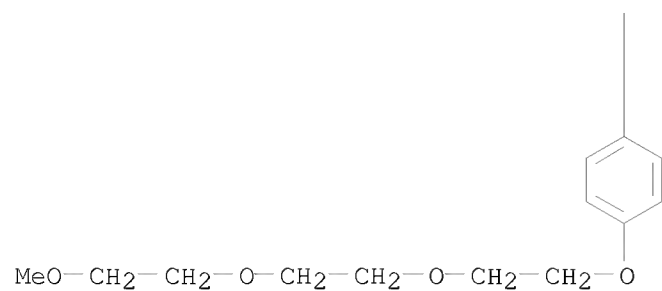
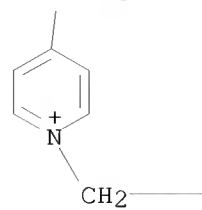
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 91 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 663621-72-5 REGISTRY  
 ED Entered STN: 16 Mar 2004  
 CN Pyridinium, 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]- (9CI)  
 (CA INDEX NAME)  
 MF C110 H102 B4 N8 O16  
 CI COM  
 SR CA

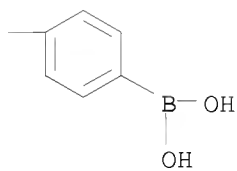
PAGE 1-A

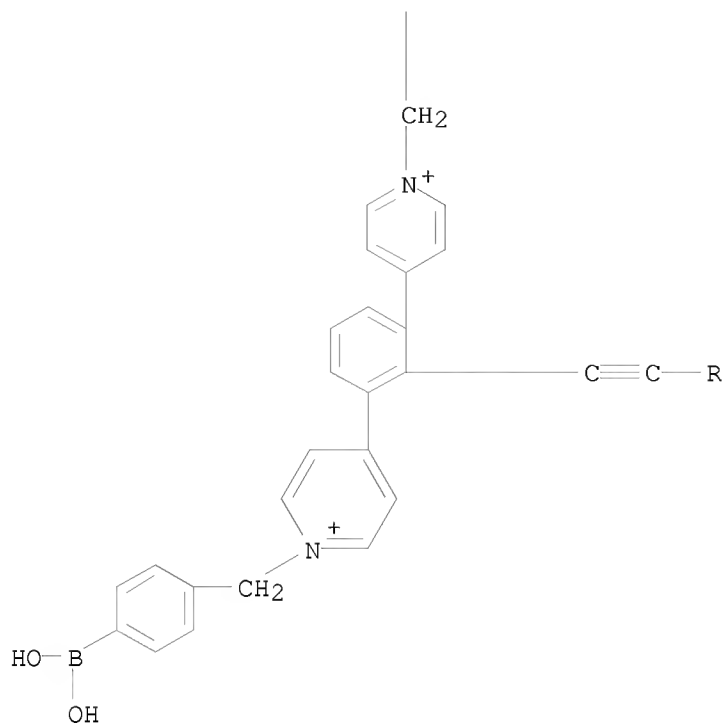


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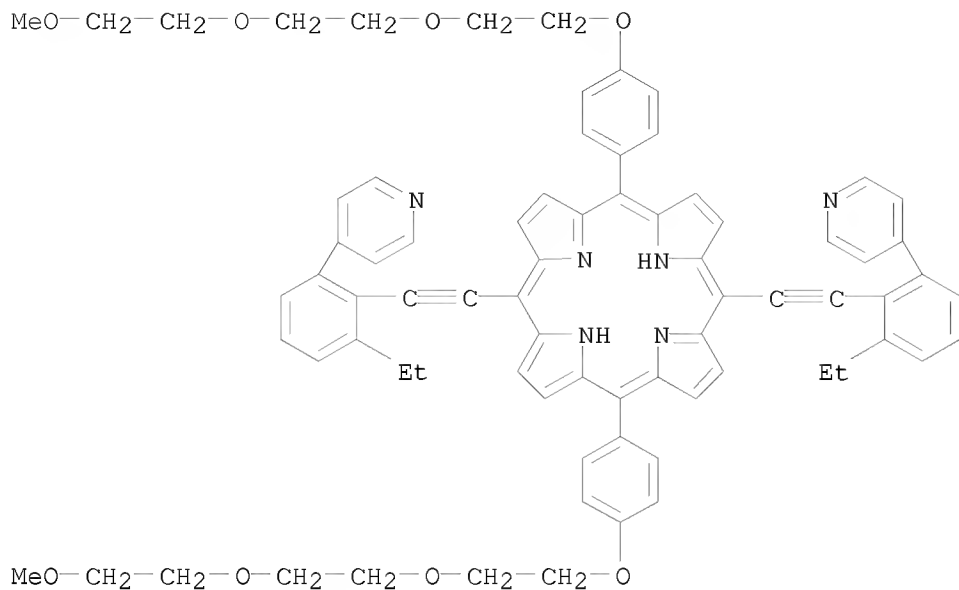


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L14 ANSWER 92 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 663621-71-4 REGISTRY  
 ED Entered STN: 16 Mar 2004  
 CN 21H,23H-Porphine, 5,15-bis[[2-ethyl-6-(4-pyridinyl)phenyl]ethynyl]-10,20-  
 bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]- (9CI) (CA INDEX NAME)  
 MF C76 H72 N6 O8  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

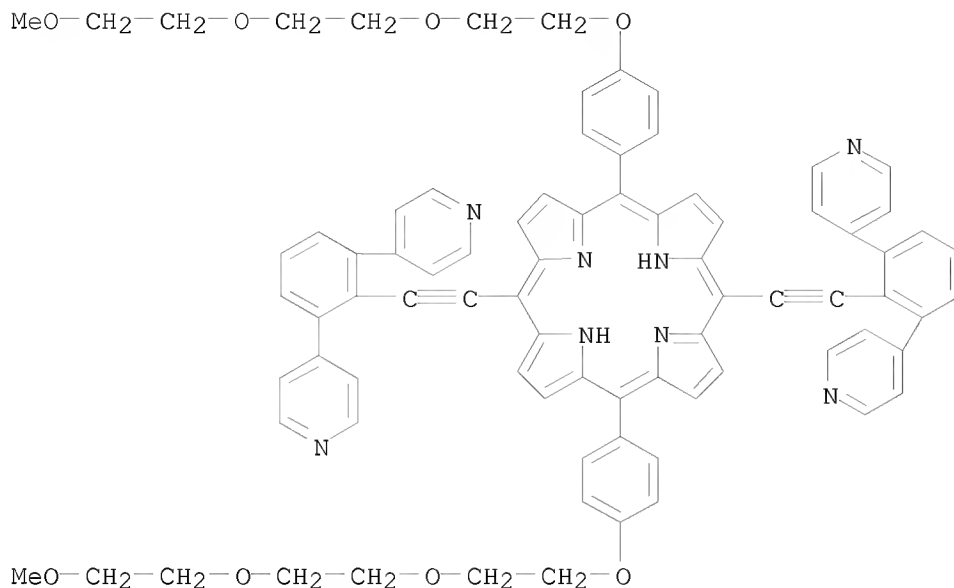


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 93 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 663621-70-3 REGISTRY  
ED Entered STN: 16 Mar 2004  
CN 21H,23H-Porphine, 5,15-bis[(2,6-di-4-pyridinylphenyl)ethynyl]-10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]- (9CI) (CA INDEX NAME)  
MF C82 H70 N8 O8  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

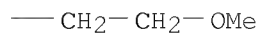
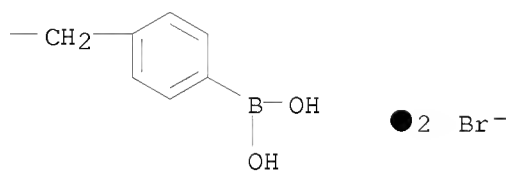
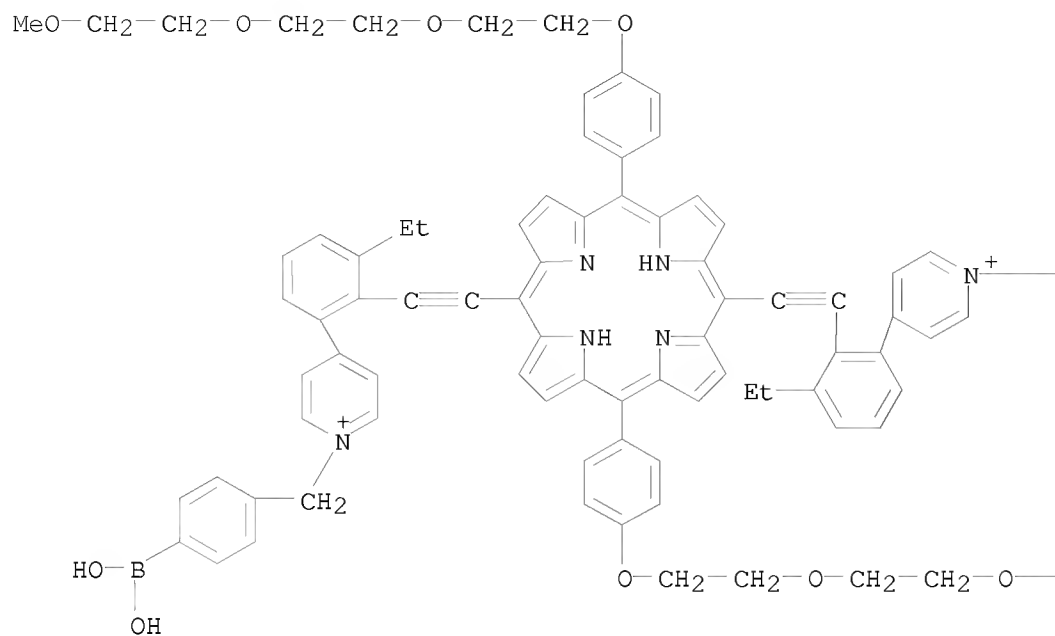




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 94 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 663621-64-5 REGISTRY  
ED Entered STN: 16 Mar 2004  
CN Pyridinium, 4,4'-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis[2,1-ethynediyl(3-ethyl-2,1-phenylene)]]bis[1-[(4-boronophenyl)methyl]-, dibromide (9CI) (CA INDEX NAME)  
MF C90 H88 B2 N6 O12 . 2 Br  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
CRN (663621-84-9)



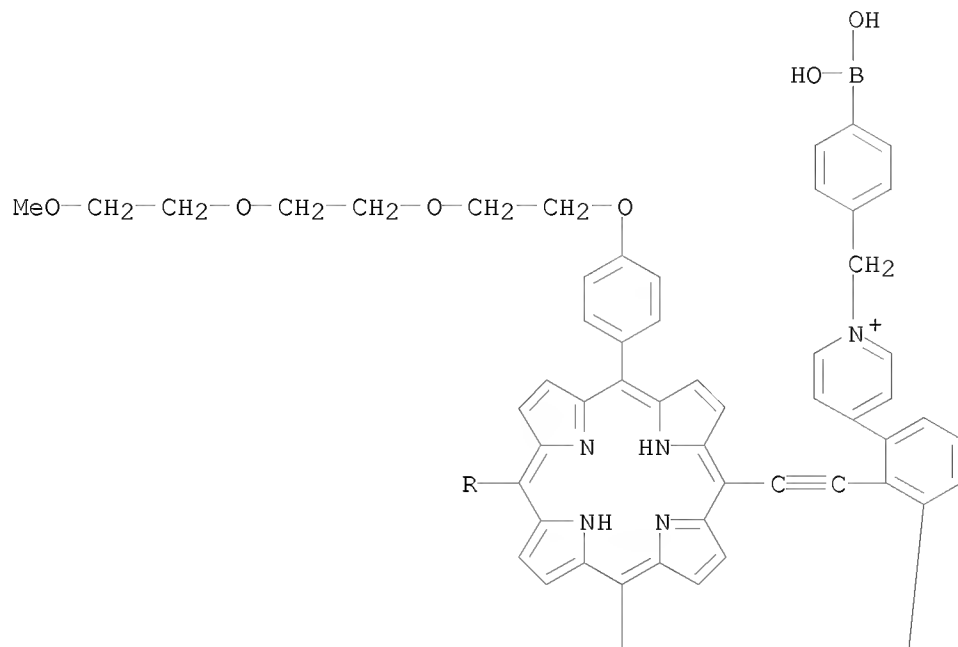
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

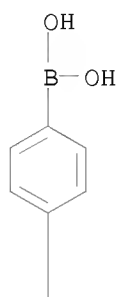
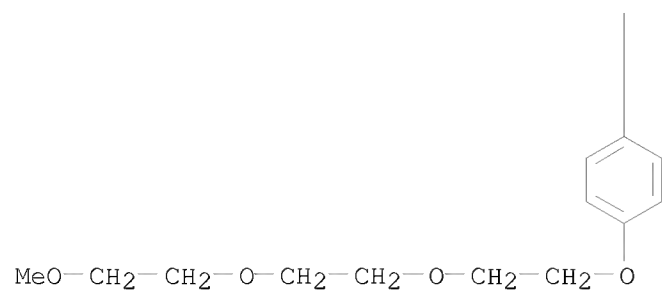
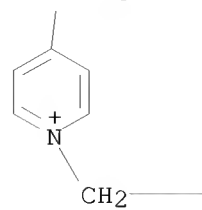
L14 ANSWER 95 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 663621-63-4 REGISTRY  
ED Entered STN: 16 Mar 2004

CN Pyridinium, 4,4',4'',4'''-[[10,20-bis[4-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]phenyl]-21H,23H-porphine-5,15-diyl]bis(2,1-ethynediyl-2,1,3-benzenetriyl)]tetrakis[1-[(4-boronophenyl)methyl]-, tetrabromide (9CI) (CA INDEX NAME)  
 MF C110 H102 B4 N8 O16 . 4 Br  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT  
 CRN (663621-72-5)

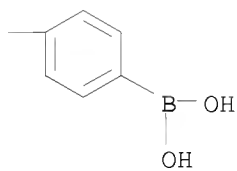
PAGE 1-A

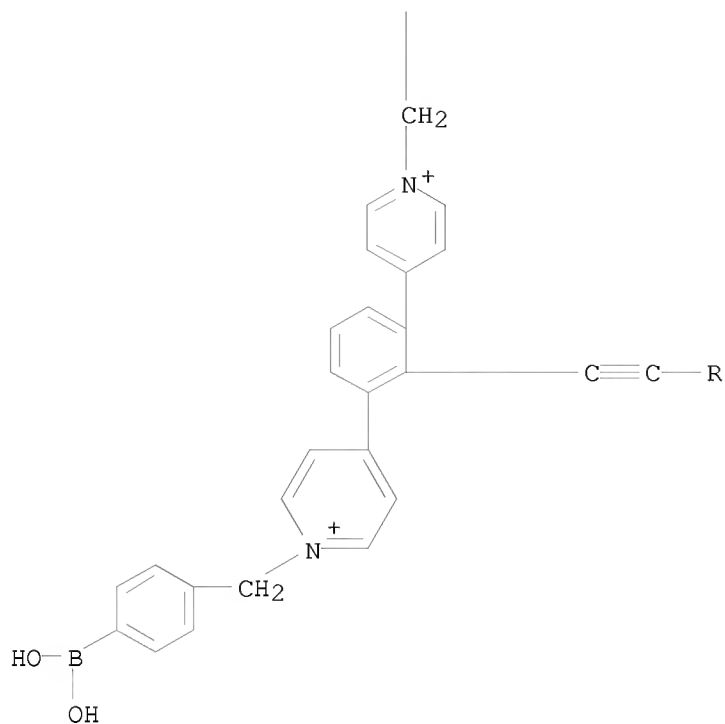


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● 4 Br<sup>-</sup>

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

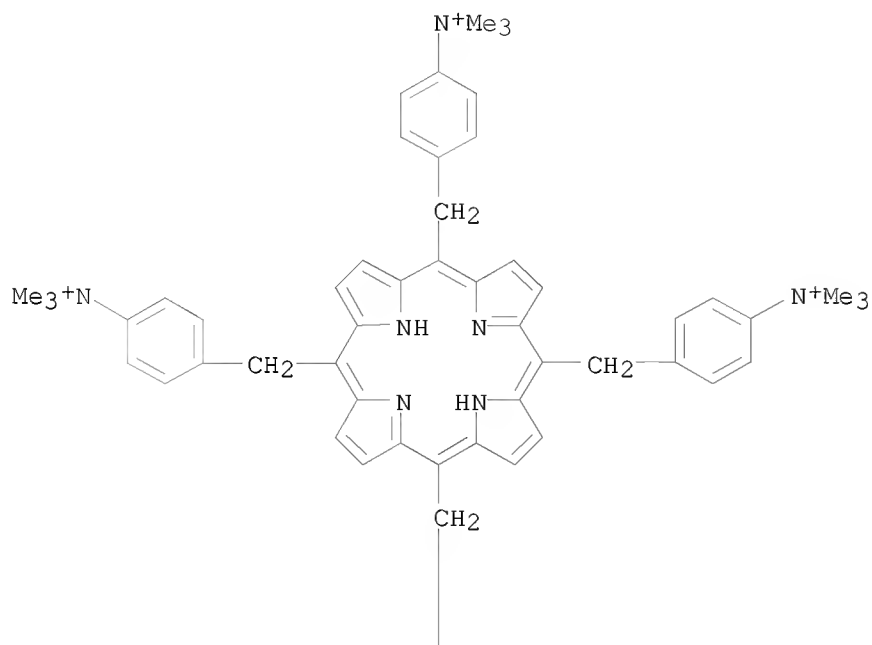
L14 ANSWER 96 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 639504-84-0 REGISTRY  
ED Entered STN: 20 Jan 2004  
CN β-Cyclodextrin, 2A,2B,2C,2D,2E,2F,2G,3A,3B,3C,3D,3E,3F,3G,6A,6B,6C,6D  
,6E,6F,6G-heneicosa-O-methyl-, compd. with  
4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-  
tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethylbenzenaminium]  
conjugate diacid (2:1) (9CI) (CA INDEX NAME)  
FS STEREOSEARCH

MF C63 H112 O35 . 1/2 C60 H70 N8 . H  
SR CA  
LC STN Files: CA, CAPLUS

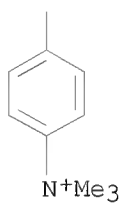
CM 1

CRN 639504-82-8 (205941-70-4)  
CMF C60 H70 N8 . 2 H

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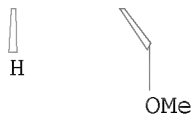
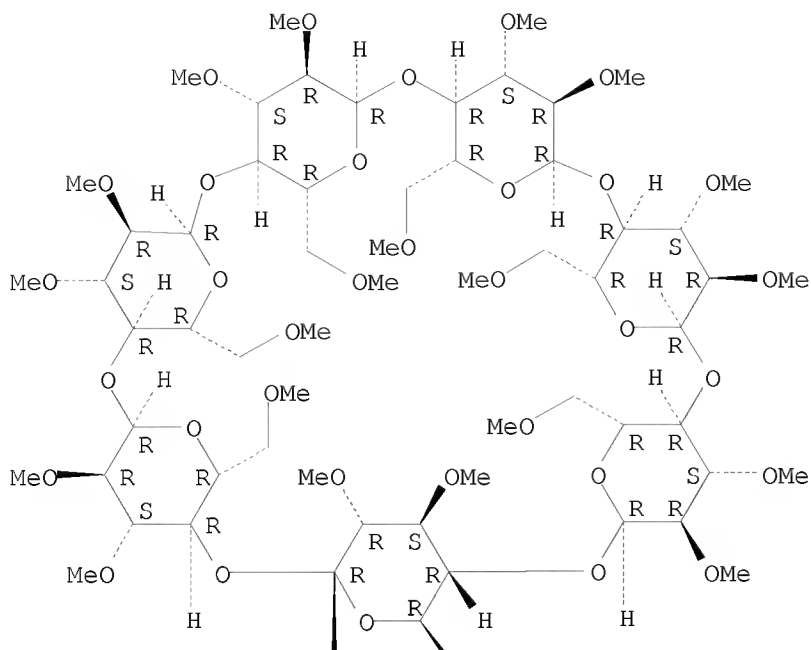


● 2  $H^+$

CM 2

CRN 55216-11-0  
CMF C63 H112 O35

Absolute stereochemistry.

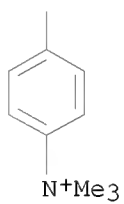
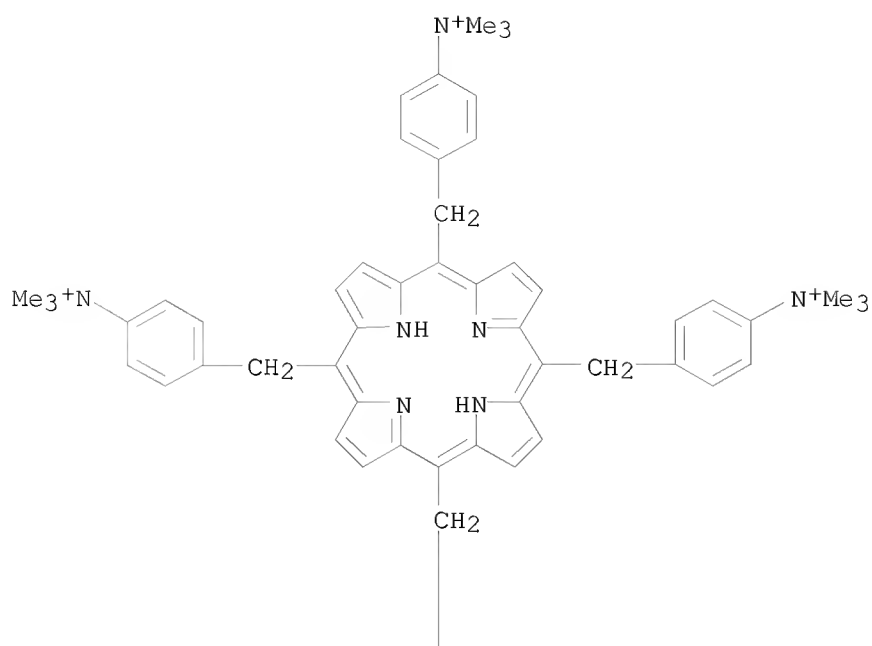


1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 97 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 639504-83-9 REGISTRY  
 ED Entered STN: 20 Jan 2004  
 CN  $\beta$ -Cyclodextrin, compd. with 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethylbenzenaminium] conjugate diacid (2:1) (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C60 H70 N8 . 2 C42 H70 O35 . 2 H  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

CRN 639504-82-8 (205941-70-4)  
 CMF C60 H70 N8 . 2 H



● 2 H<sup>+</sup>

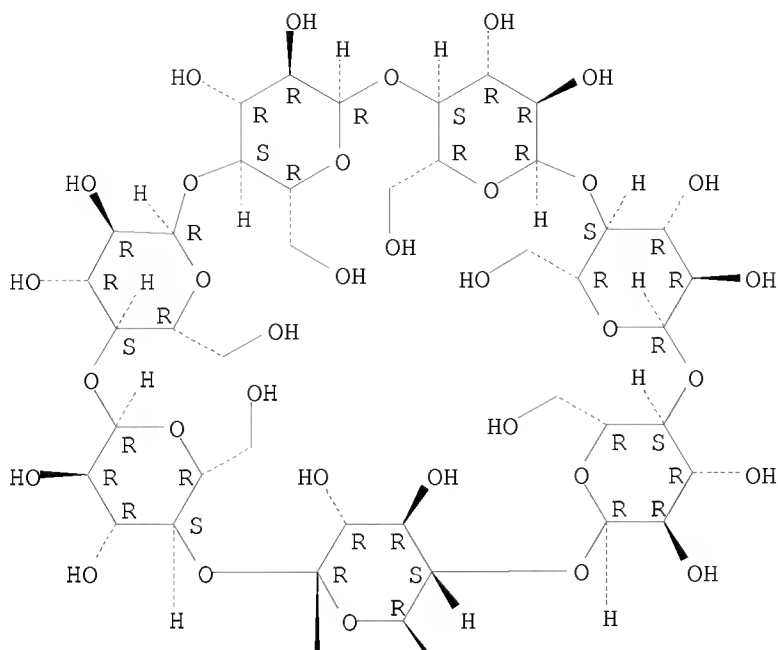
CM 2

CRN 7585-39-9

CMF C42 H70 O35

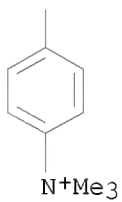
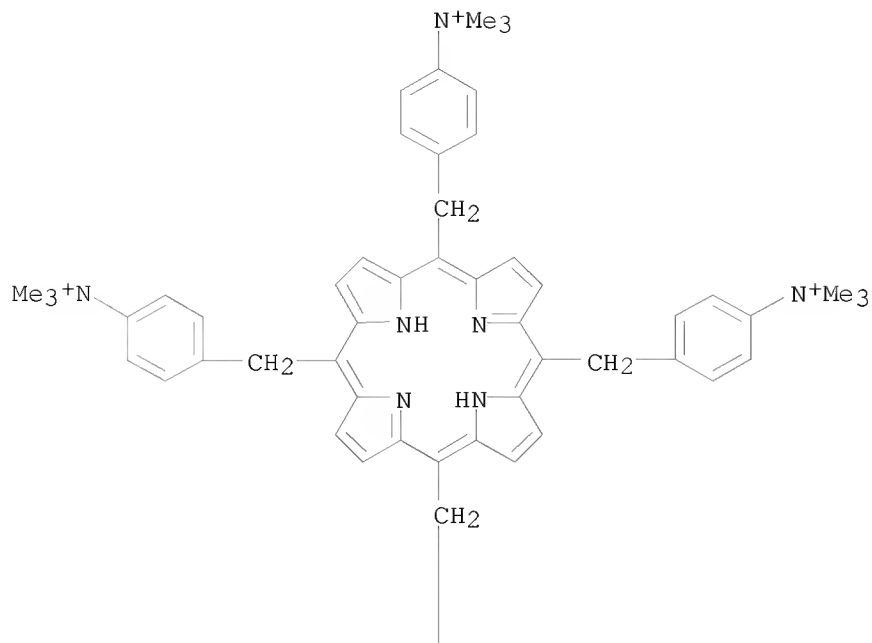
Absolute stereochemistry.





1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 98 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 639504-82-8 REGISTRY  
 ED Entered STN: 20 Jan 2004  
 CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-  
 tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethyl-, conjugate diacid  
 (9CI) (CA INDEX NAME)  
 MF C60 H70 N8 . 2 H  
 CI COM  
 SR CA  
 CRN (205941-70-4)

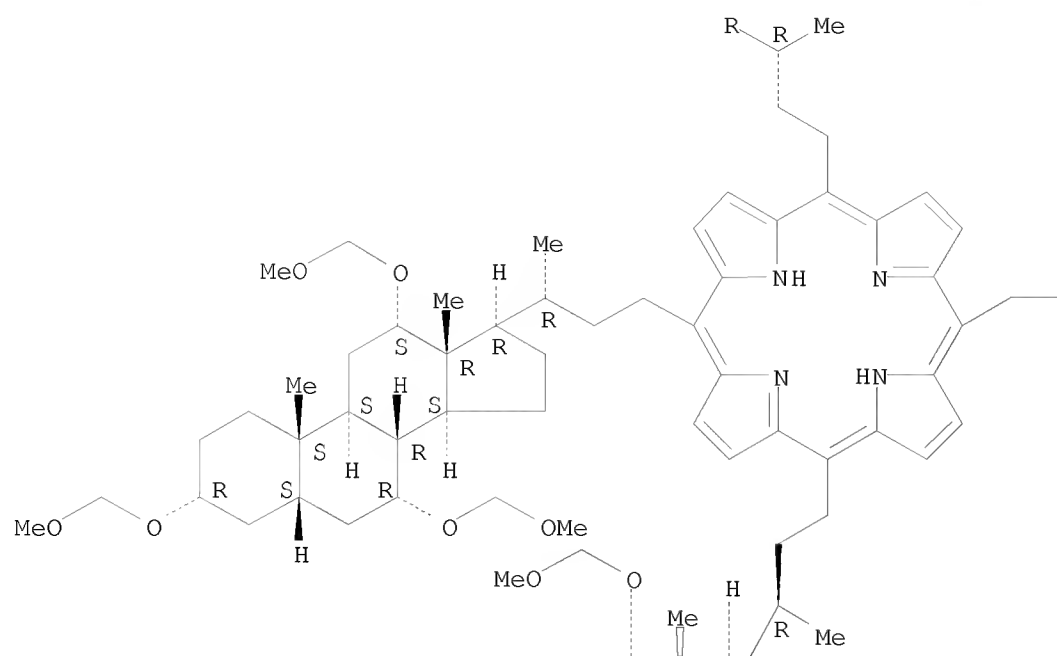


● 2 H<sup>+</sup>

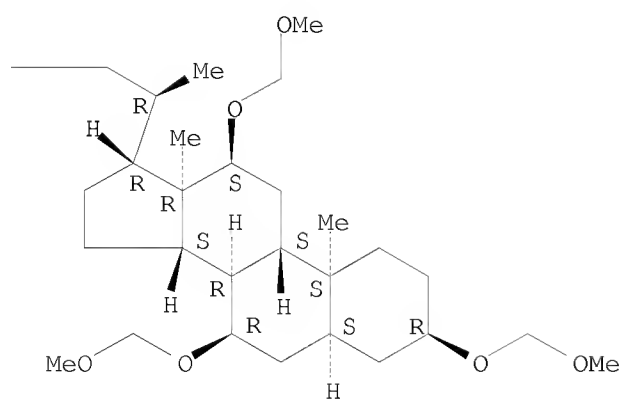
L14 ANSWER 99 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 637350-99-3 REGISTRY  
 ED Entered STN: 14 Jan 2004  
 CN 21H,23H-Porphine, 5,10,15,20-  
 tetrakis[(3 $\alpha$ ,5 $\beta$ ,7 $\alpha$ ,12 $\alpha$ )-3,7,12-tris(methoxymethoxy)-  
 24-norcholan-23-yl]- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C136 H214 N4 O24  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

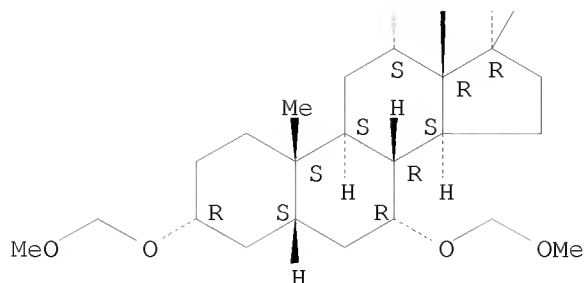
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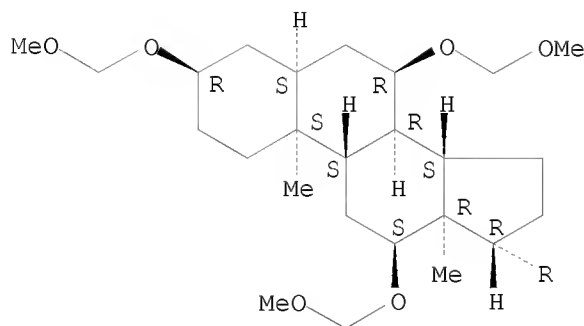
PAGE 1-B



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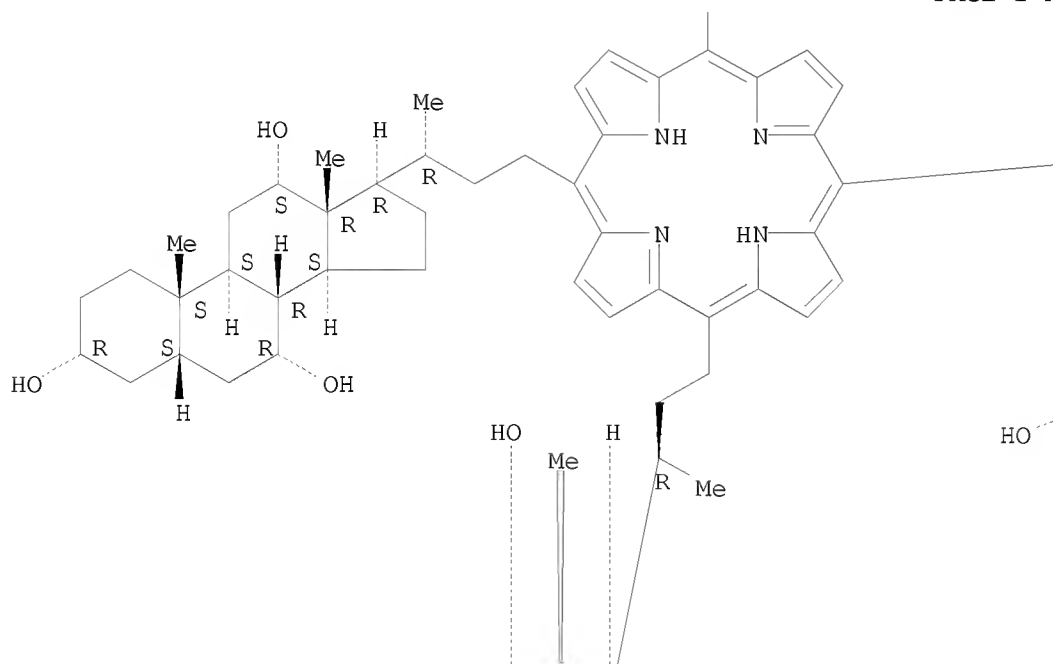
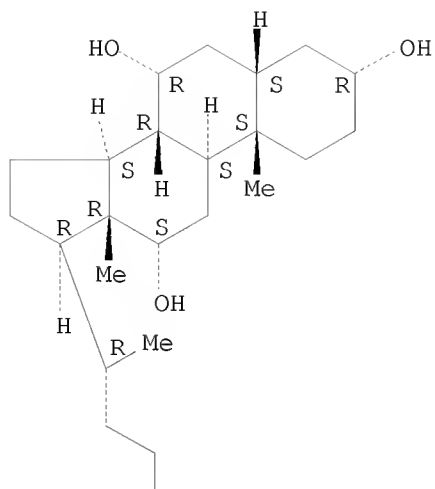


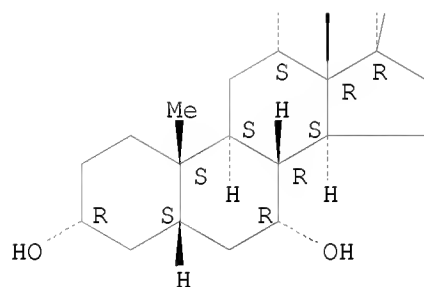
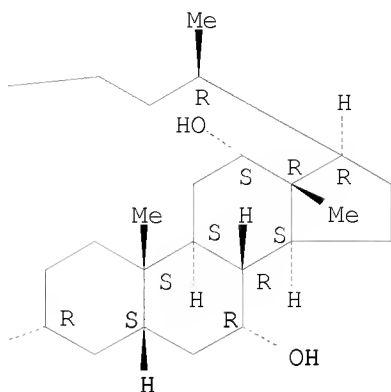
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 100 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 637350-95-9 REGISTRY  
ED Entered STN: 14 Jan 2004  
CN 24-Norcholane-3,7,12-triol, 23,23',23'',23'''-(21H,23H-porphine-5,10,15,20-  
tetrayl)tetrakis-, (3 $\alpha$ ,5 $\beta$ ,7 $\alpha$ ,12 $\alpha$ )-  
(3' $\alpha$ ,5' $\beta$ ,7' $\alpha$ ,12' $\alpha$ )-  
(3'' $\alpha$ ,5'' $\beta$ ,7'' $\alpha$ ,12'' $\alpha$ )-  
(3''' $\alpha$ ,5''' $\beta$ ,7''' $\alpha$ ,12''' $\alpha$ )-(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C112 H166 N4 O12  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



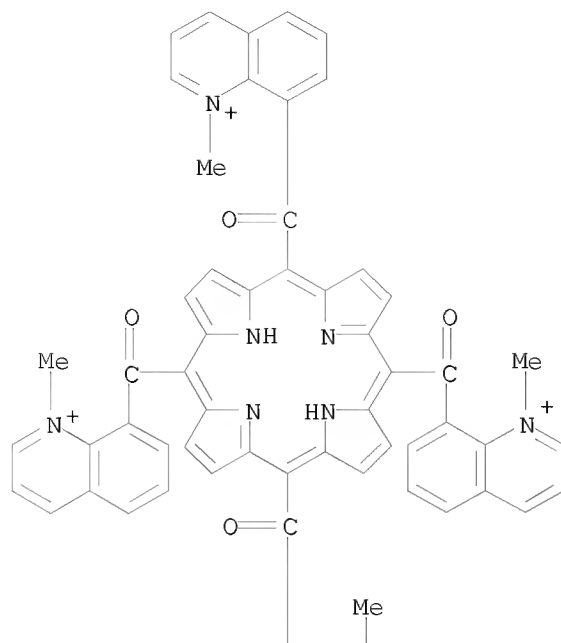


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

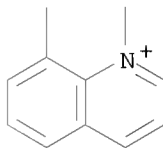
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 101 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 477841-47-7 REGISTRY  
ED Entered STN: 31 Dec 2002  
CN Quinolinium, 8,8',8'',8'''-(21H,23H-porphine-5,10,15,20-tetrayltetracarbonyl)tetrakis[1-methyl-, tetraiodide (9CI) (CA INDEX NAME)  
MF C64 H46 N8 O4 . 4 I  
SR CA  
LC STN Files: CA, CAPLUS  
CRN (773050-21-8)

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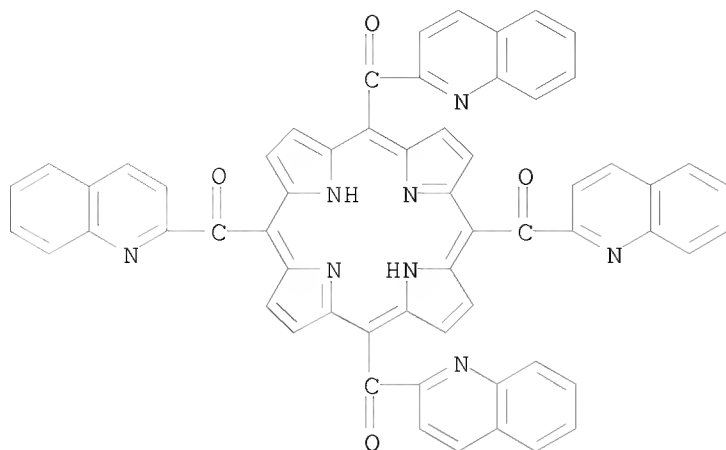
PAGE 2-A



● 4 I<sup>-</sup>

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

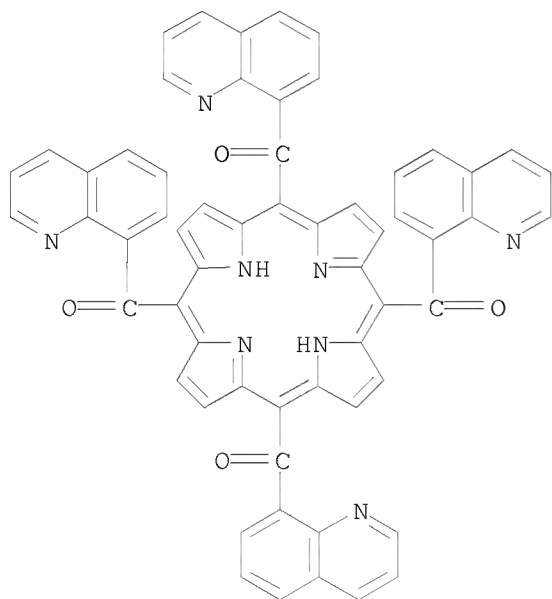
L14 ANSWER 102 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 477841-46-6 REGISTRY  
ED Entered STN: 31 Dec 2002  
CN Methanone, 21H,23H-porphine-5,10,15,20-tetrayltetrakis[2-quinolinyl- (9CI)  
(CA INDEX NAME)  
MF C60 H34 N8 O4  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 103 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 477841-45-5 REGISTRY  
ED Entered STN: 31 Dec 2002  
CN Methanone, 21H,23H-porphine-5,10,15,20-tetrayltetrakis[8-quinolinyl]- (9CI)  
(CA INDEX NAME)  
MF C60 H34 N8 O4  
SR CA  
LC STN Files: CA, CAPLUS

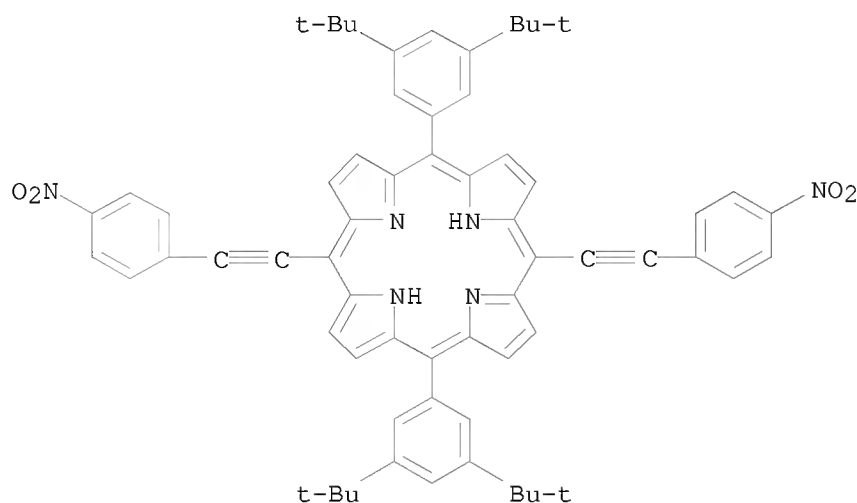


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

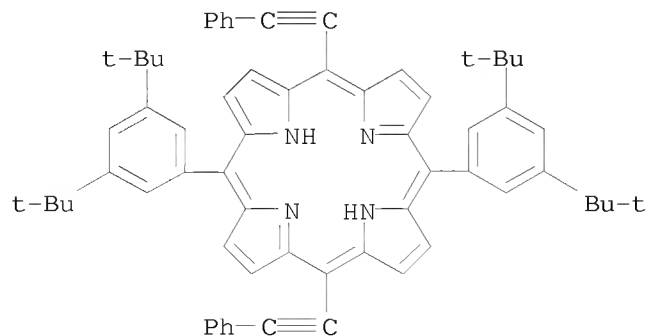
L14 ANSWER 104 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 438544-22-0 REGISTRY  
ED Entered STN: 15 Jul 2002  
CN 21H,23H-Porphine, 5,15-bis[3,5-bis(1,1-dimethylethyl)phenyl]-10,20-bis[(4-nitrophenyl)ethynyl]- (9CI) (CA INDEX NAME)  
MF C64 H60 N6 O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 105 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 438544-21-9 REGISTRY  
ED Entered STN: 15 Jul 2002  
CN 21H,23H-Porphine, 5,15-bis[3,5-bis(1,1-dimethylethyl)phenyl]-10,20-bis(phenylethynyl)- (9CI) (CA INDEX NAME)  
MF C64 H62 N4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 106 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 364601-03-6 REGISTRY

ED Entered STN: 25 Oct 2001

CN  $\beta$ -Cyclodextrin, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 6A, 6B, 6C, 6D, 6E, 6F, 6G-heneicosa-O-methyl-, compd. with 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethylbenzenaminium] (2:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethyl-, compd. with 2A,2B,2C,2D,2E,2F,2G,3A,3B,3C,3D,3E,3F,3G,6A,6B,6C,6D,6E,6F,6G-heneicosa-O-methyl- $\beta$ -cyclodextrin (1:2) (9CI)

FS STEREOSEARCH

MF C63 H112 O35 . 1/2 C60 H70 N8

SR CA

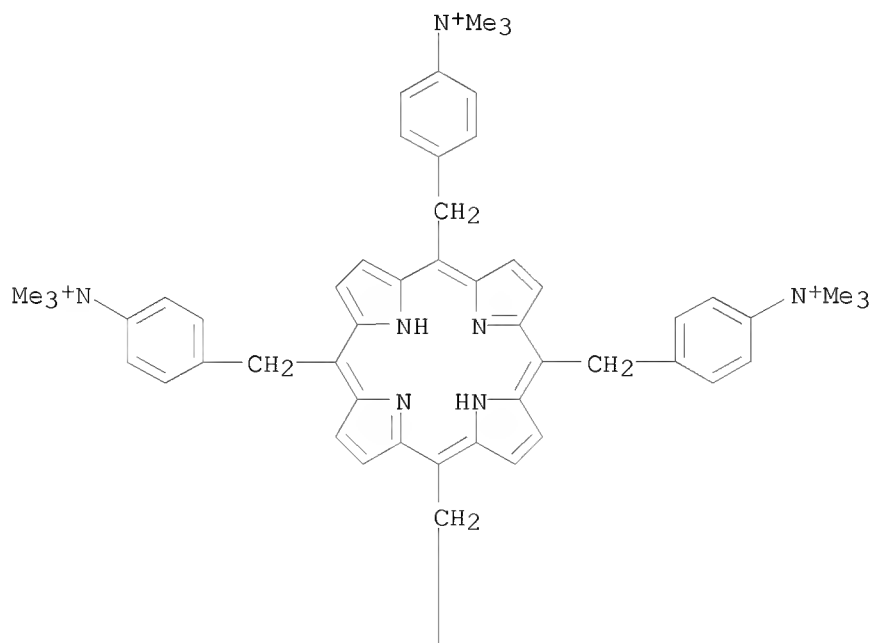
LC STN Files: CA, CAPLUS

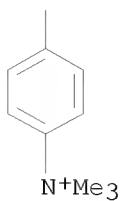
CM 1

CRN 205941-70-4

CMF C60 H70 N8

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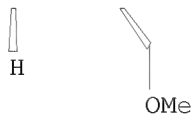
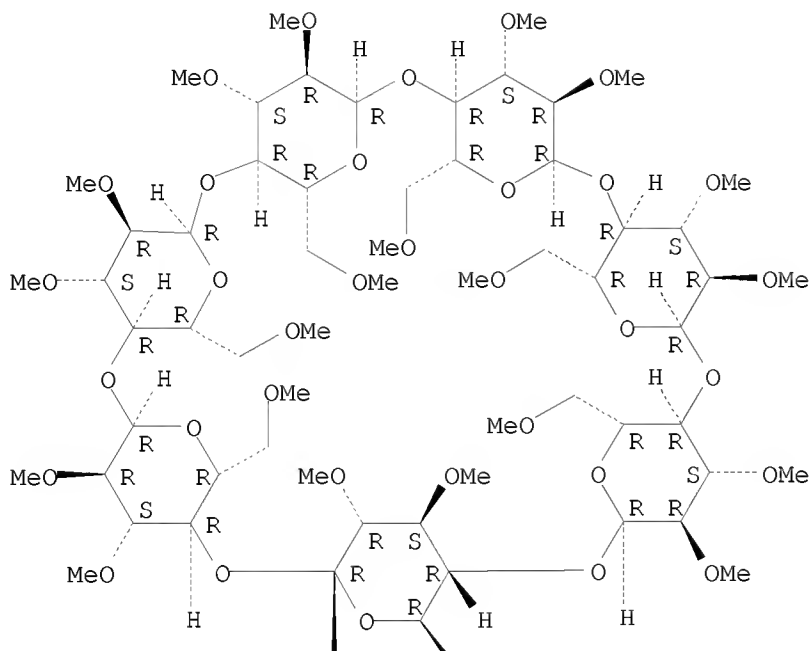


CM 2

CRN 55216-11-0

CMF C63 H112 O35

Absolute stereochemistry.



2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 107 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 364601-02-5 REGISTRY  
 ED Entered STN: 25 Oct 2001  
 CN  $\gamma$ -Cyclodextrin, compd. with 4,4',4'',4'''-[21H,23H-porphine-

5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethylbenzenaminium] (2:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethyl-, compd. with  $\gamma$ -cyclodextrin (1:2) (9CI)

FS STEREOSEARCH

MF C60 H70 N8 . 2 C48 H80 O40

SR CA

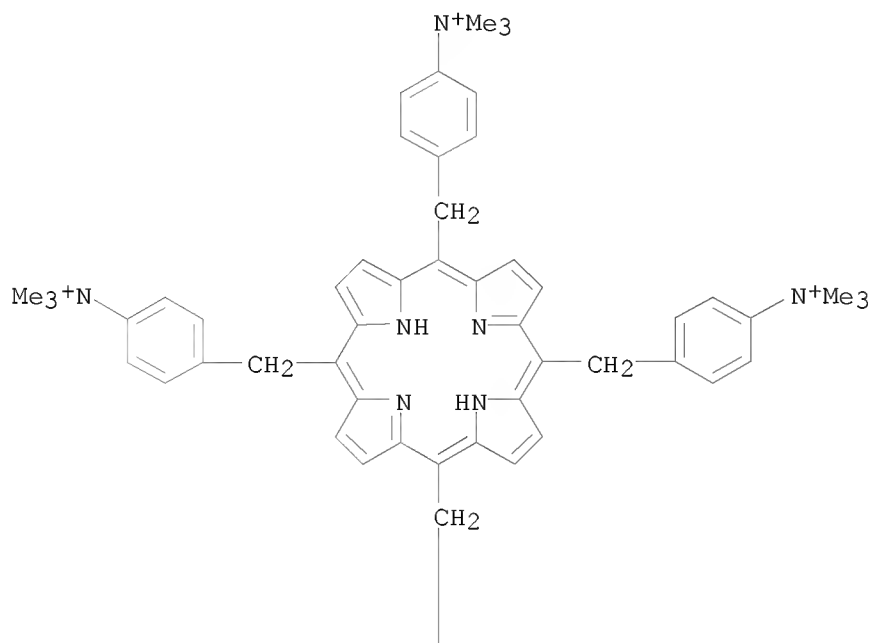
LC STN Files: CA, CAPLUS

CM 1

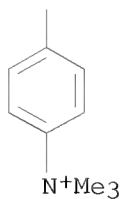
CRN 205941-70-4

CMF C60 H70 N8

PAGE 1-A



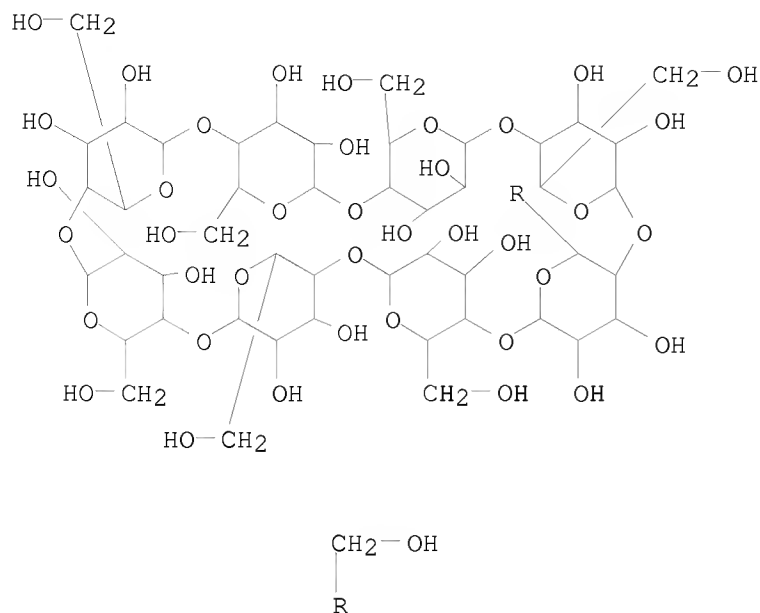
PAGE 2-A



CM 2

CRN 17465-86-0

CMF C48 H80 O40



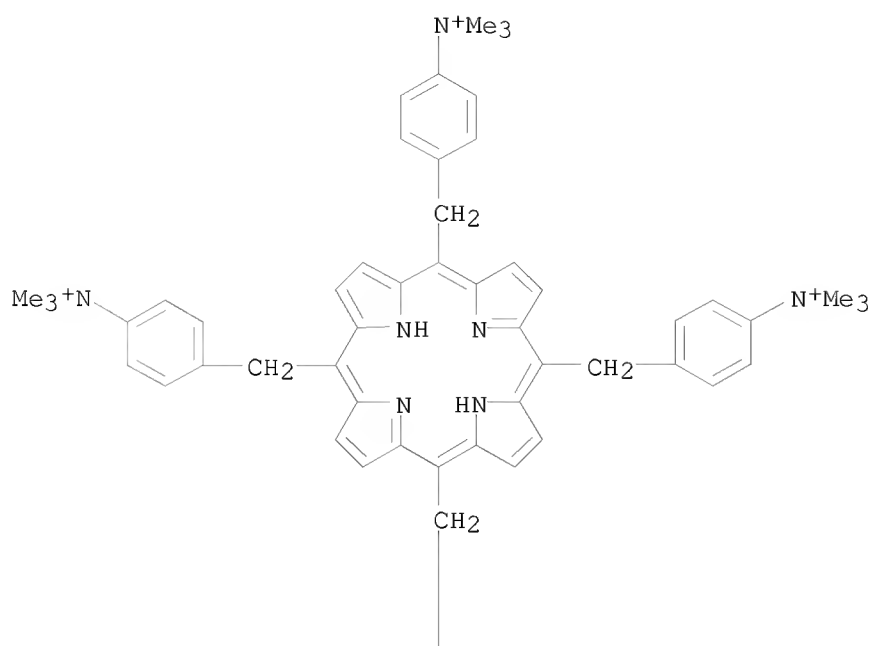
2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 108 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 364600-99-7 REGISTRY  
ED Entered STN: 25 Oct 2001  
CN  $\beta$ -Cyclodextrin, compd. with 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethylbenzenaminium] (2:1) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethyl-, compd. with  $\beta$ -cyclodextrin (1:2) (9CI)  
FS STEREOSEARCH  
MF C60 H70 N8 . 2 C42 H70 O35  
SR CA  
LC STN Files: CA, CAPLUS

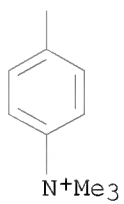
CM 1

CRN 205941-70-4  
CMF C60 H70 N8

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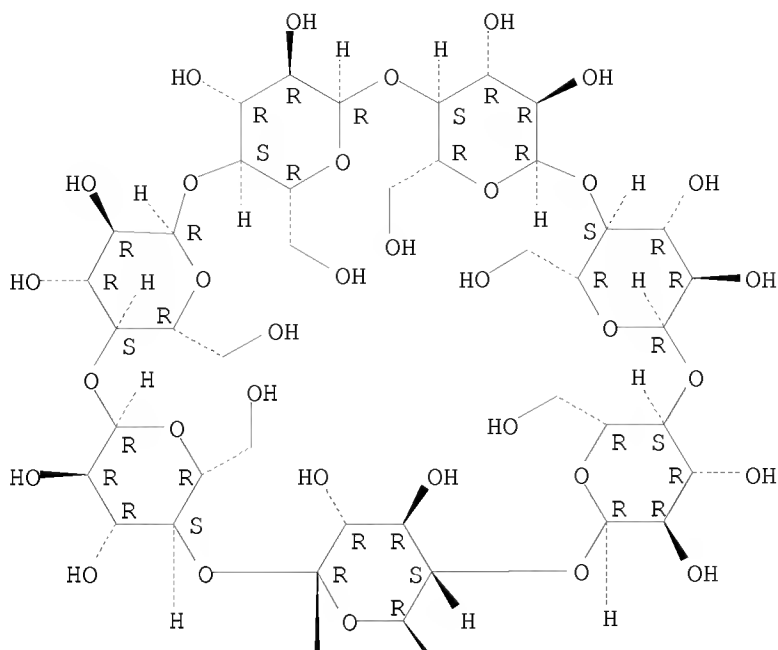
PAGE 2-A



CM 2

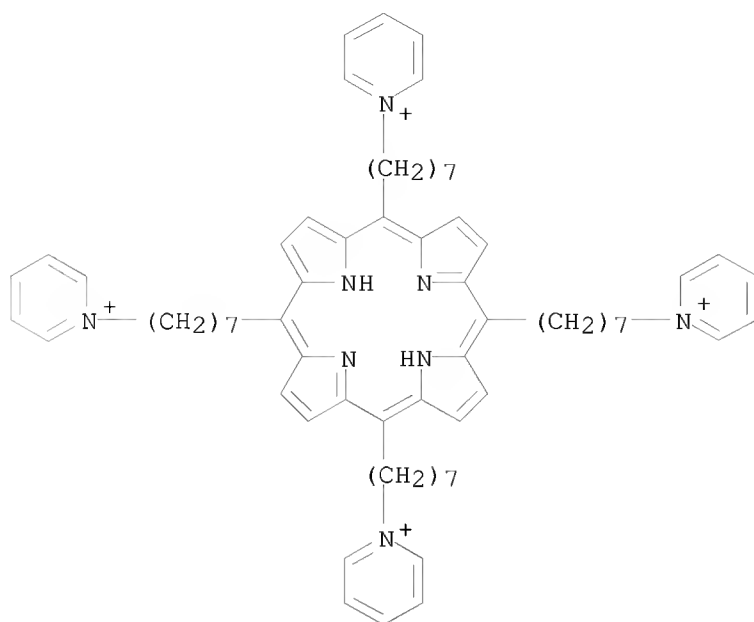
CRN 7585-39-9  
CMF C42 H70 O35

Absolute stereochemistry.



2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 109 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 294179-09-2 REGISTRY  
 ED Entered STN: 10 Oct 2000  
 CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-7,1-heptanediyl)tetrakis-, tetrachloride (9CI) (CA INDEX NAME)  
 MF C68 H86 N8 . 4 Cl  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT  
 CRN (735254-91-8)

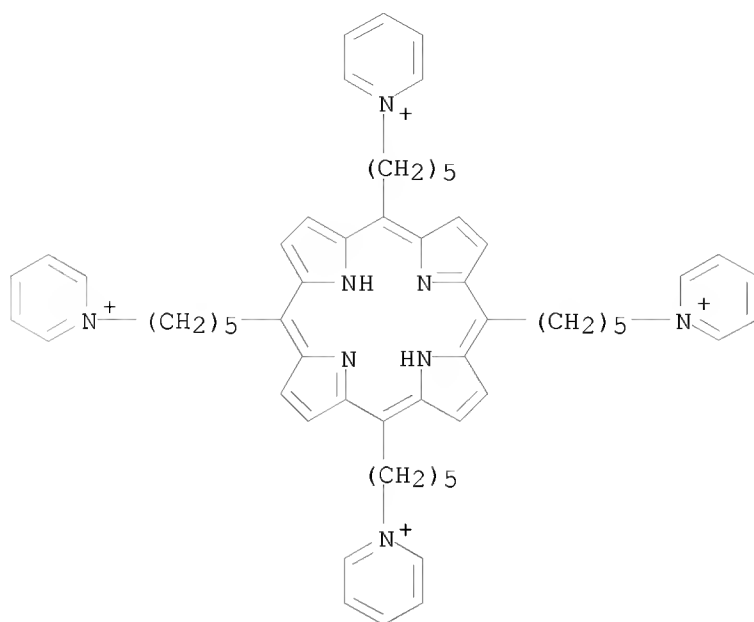


● 4 Cl<sup>-</sup>

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 110 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 294179-07-0 REGISTRY  
ED Entered STN: 10 Oct 2000  
CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-5,1-pentanediy1)tetrakis-, tetrachloride (9CI) (CA INDEX NAME)  
MF C60 H70 N8 . 4 Cl  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
CRN (782438-46-4)

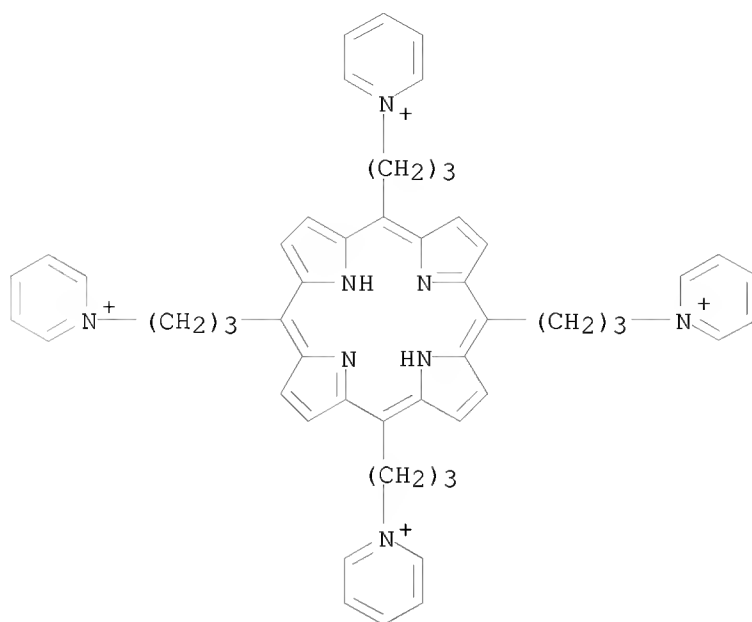




● 4 Cl<sup>-</sup>

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

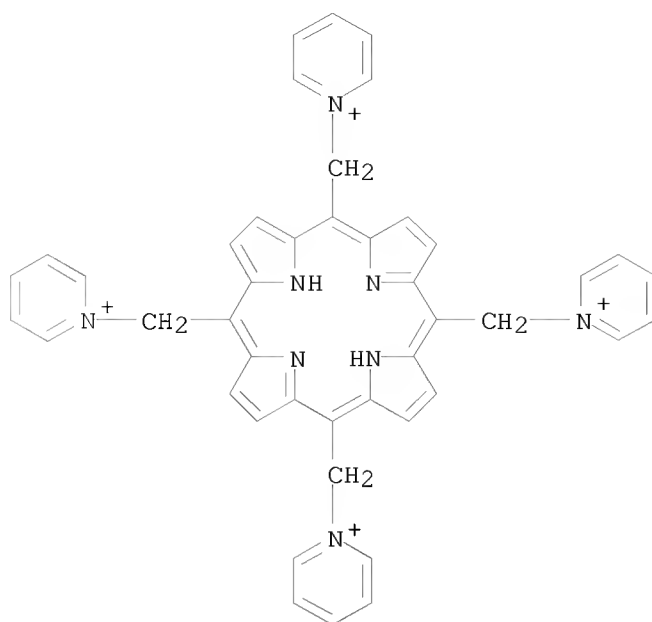
L14 ANSWER 111 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 294179-05-8 REGISTRY  
 ED Entered STN: 10 Oct 2000  
 CN Pyridinium, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-3,1-propanediyl)tetrakis-, tetrachloride (9CI) (CA INDEX NAME)  
 MF C52 H54 N8 . 4 Cl  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT  
 CRN (749196-97-2)



● 4 Cl<sup>-</sup>

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

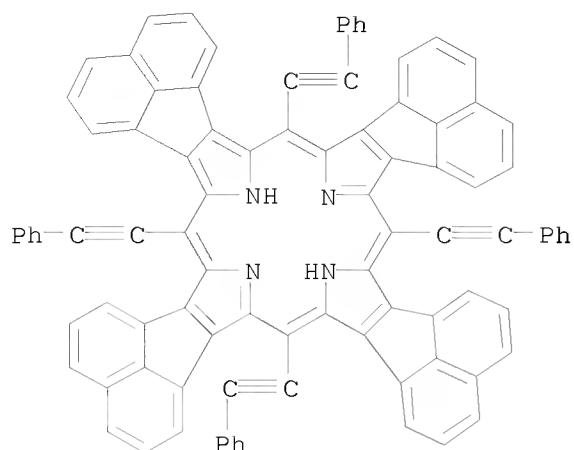
L14 ANSWER 112 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 274922-91-7 REGISTRY  
ED Entered STN: 06 Jul 2000  
CN Pyridinium, 1,1',1'',1'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis-, tetrachloride (9CI) (CA INDEX NAME)  
MF C44 H38 N8 . 4 Cl  
SR CA  
LC STN Files: CA, CAPLUS  
CRN (80202-45-5)



● 4 Cl<sup>-</sup>

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 113 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 262281-03-8 REGISTRY  
ED Entered STN: 18 Apr 2000  
CN 37H,39H-Tetraacenaphtho[1,2-b:1',2'-g:1'',2''-l:1''',2'''-q]porphine,  
8,17,26,35-tetrakis(phenylethynyl)- (9CI) (CA INDEX NAME)  
MF C92 H46 N4  
SR CA  
LC STN Files: CA, CAPLUS

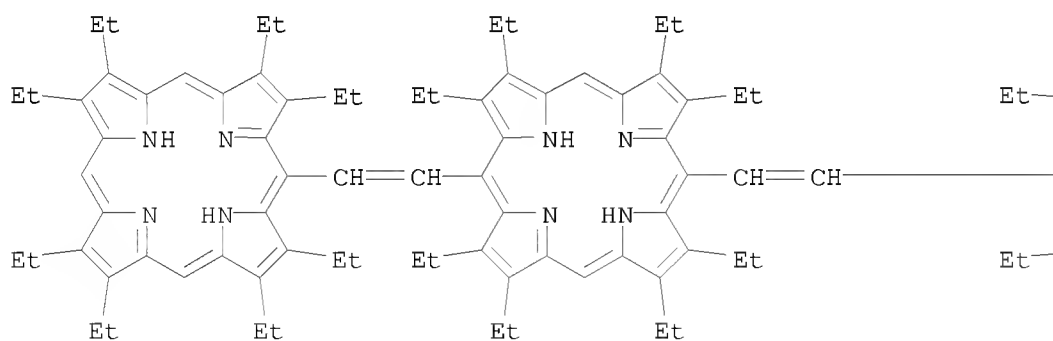


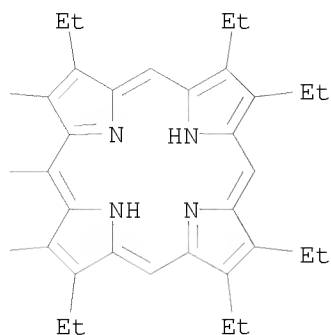
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 114 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 245059-63-6 REGISTRY  
ED Entered STN: 22 Oct 1999  
CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[(1E)-2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-, radical ion(6+) (9CI) (CA INDEX NAME)  
MF C112 H138 N12  
CI RIS  
SR CA  
LC STN Files: CA, CAPLUS

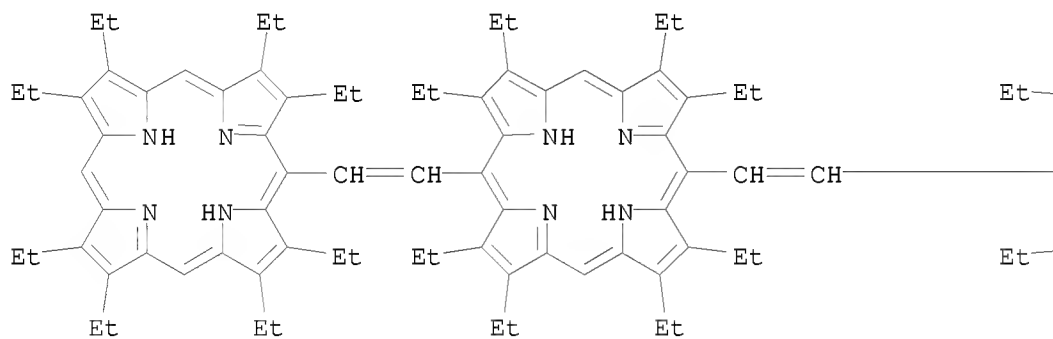
PAGE 1-A

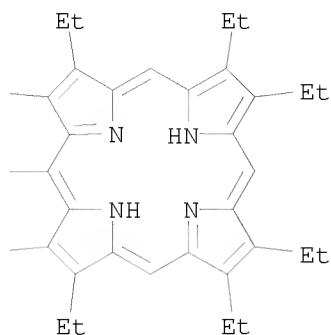




1 REFERENCES IN FILE CA (1907 TO DATE)  
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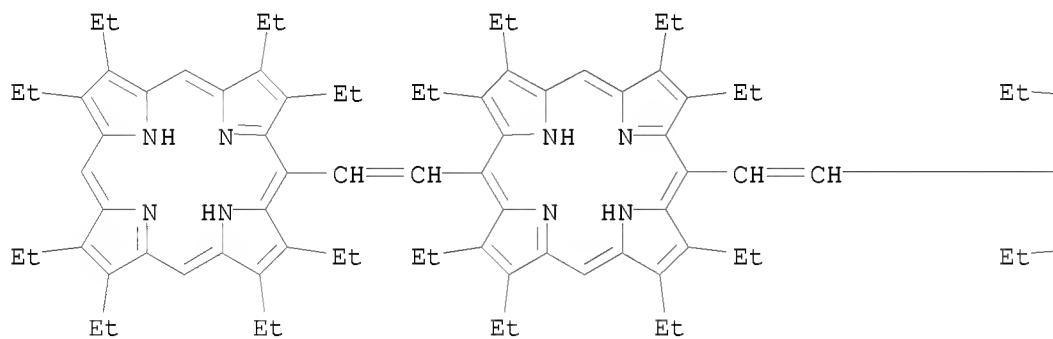
L14 ANSWER 115 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 245059-51-2 REGISTRY  
 ED Entered STN: 22 Oct 1999  
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[(1E)-2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-, radical ion(3+) (9CI) (CA INDEX NAME)  
 MF C112 H138 N12  
 CI RIS  
 SR CA  
 LC STN Files: CA, CAPLUS

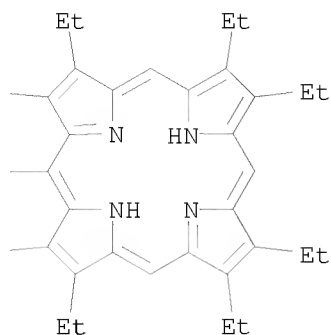




1 REFERENCES IN FILE CA (1907 TO DATE)  
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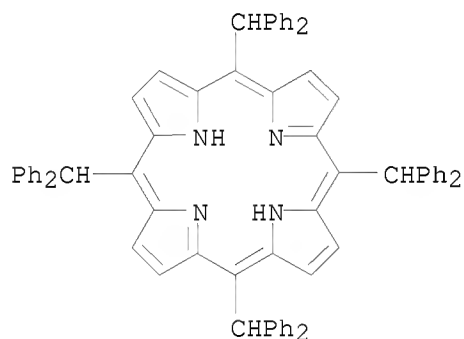
L14 ANSWER 116 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 245059-14-7 REGISTRY  
ED Entered STN: 22 Oct 1999  
CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[(1E)-2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-, radical ion(2+) (9CI) (CA INDEX NAME)  
MF C112 H138 N12  
CI RIS  
SR CA  
LC STN Files: CA, CAPLUS





1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

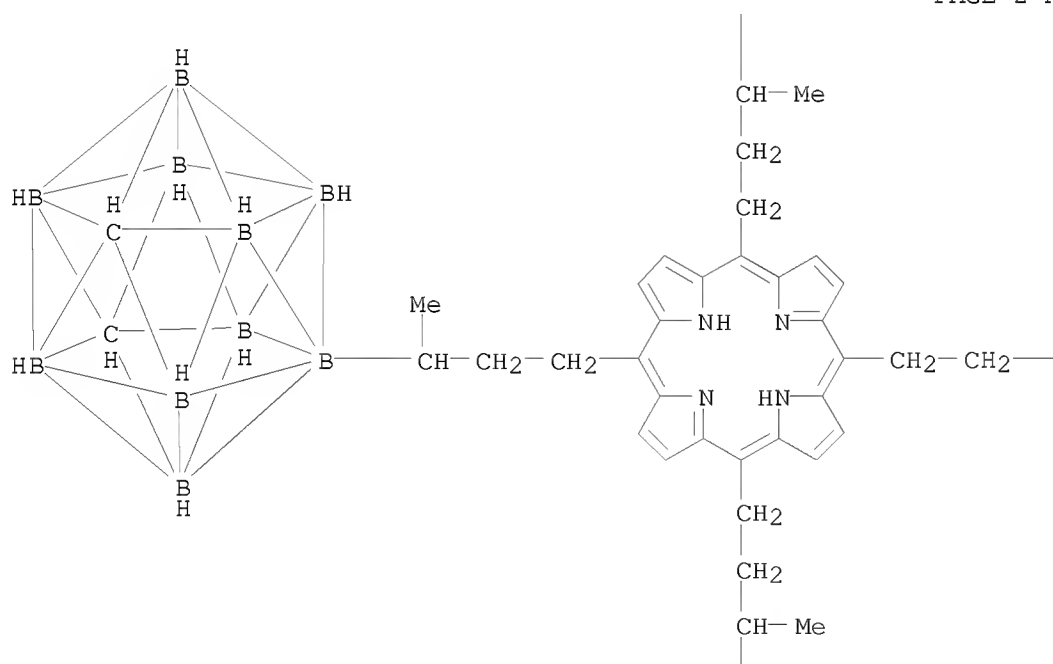
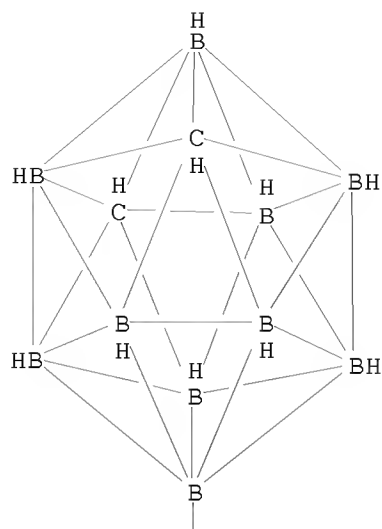
L14 ANSWER 117 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 231956-41-5 REGISTRY  
ED Entered STN: 11 Aug 1999  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(diphenylmethyl)- (CA INDEX NAME)  
MF C72 H54 N4  
SR CA  
LC STN Files: CA, CAPLUS



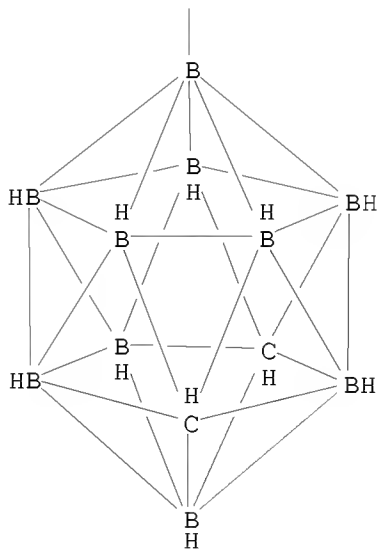
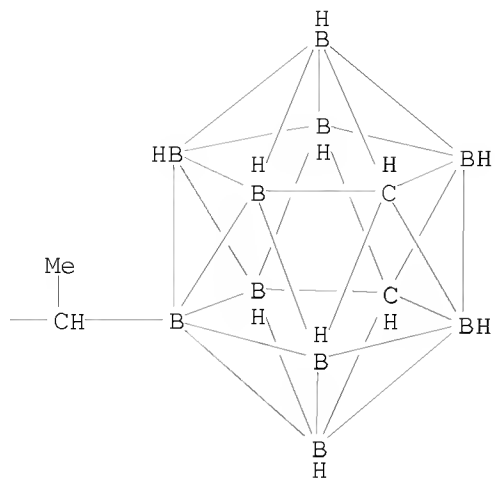
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 118 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 207905-76-8 REGISTRY  
ED Entered STN: 02 Jul 1998  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[3-(1,7-dicarbadodecaboran(12)-9-yl)butyl]- (9CI) (CA INDEX NAME)  
MF C44 H86 B40 N4  
SR CA  
LC STN Files: CA, CAPLUS

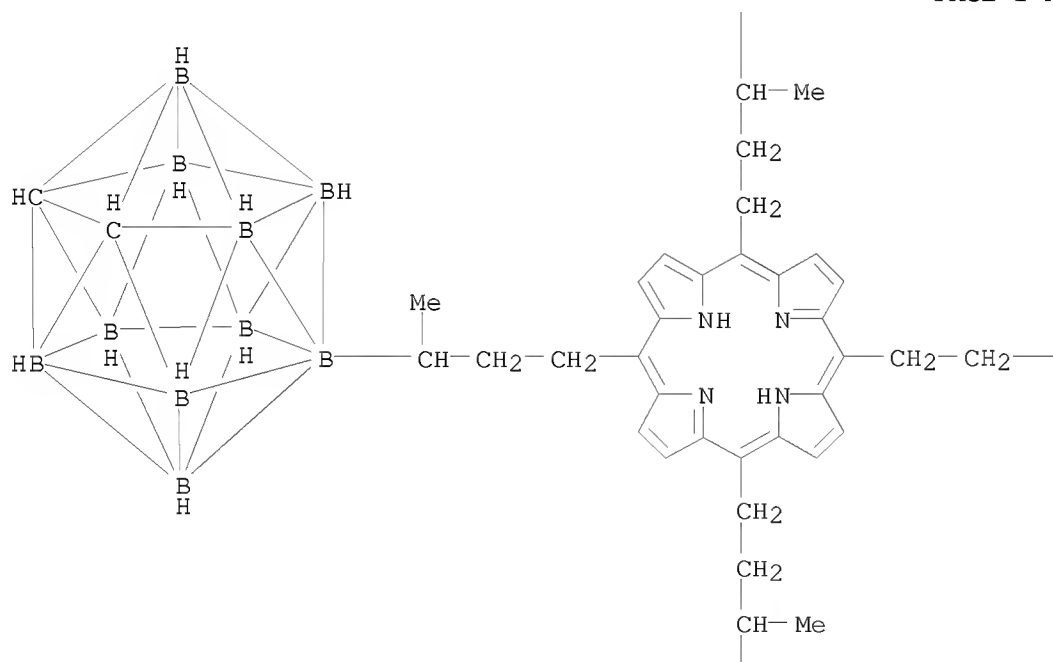
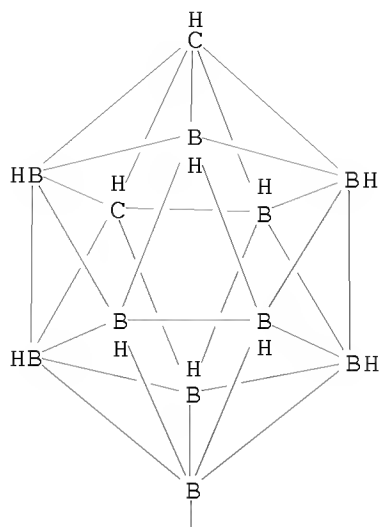


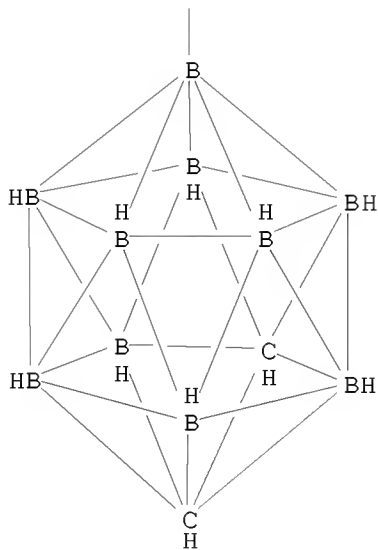
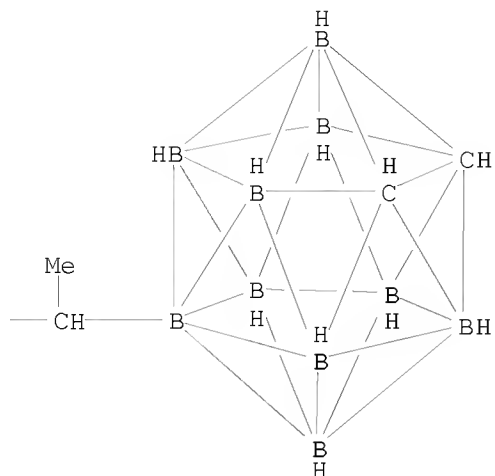




1 REFERENCES IN FILE CA (1907 TO DATE)  
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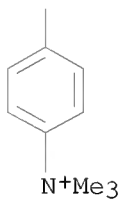
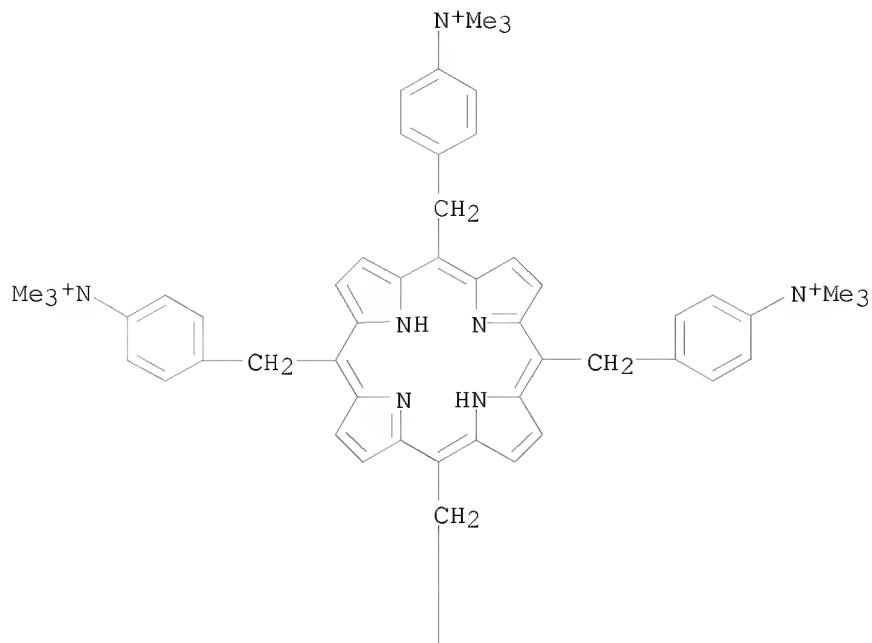
L14 ANSWER 119 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 207905-75-7 REGISTRY  
 ED Entered STN: 02 Jul 1998  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[3-(1,2-dicarbadodecaboran(12)-9-yl)butyl]- (9CI) (CA INDEX NAME)  
 MF C44 H86 B40 N4  
 SR CA  
 LC STN Files: CA, CAPLUS





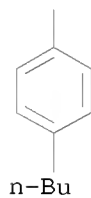
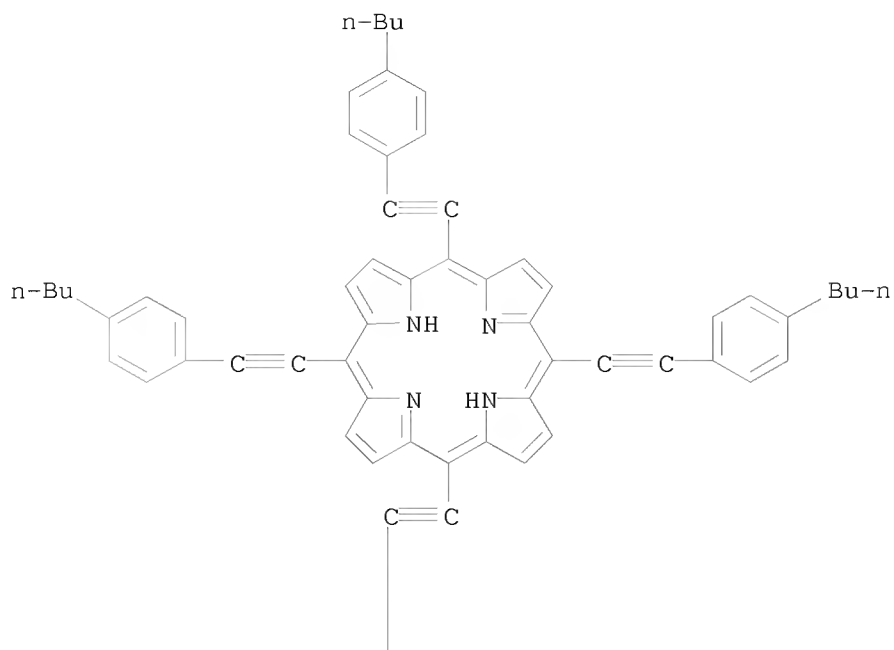
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 120 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 205941-70-4 REGISTRY  
 ED Entered STN: 27 May 1998  
 CN Benzenaminium, 4,4',4'',4'''-[21H,23H-porphine-5,10,15,20-  
 tetrayltetrakis(methylene)]tetrakis[N,N,N-trimethyl- (9CI) (CA INDEX  
 NAME)  
 MF C60 H70 N8  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS



5 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

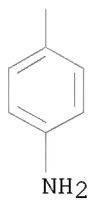
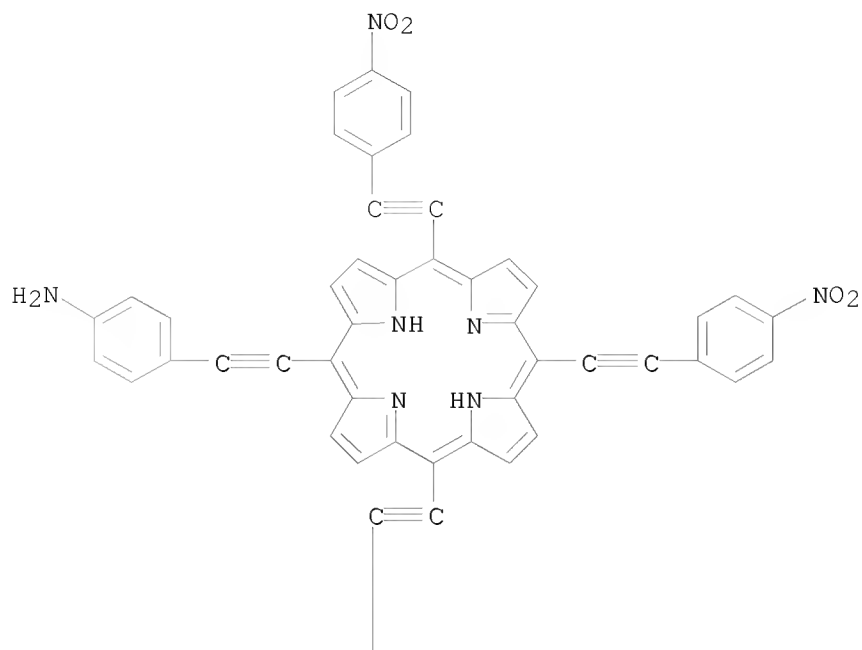
L14 ANSWER 121 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 202524-80-9 REGISTRY  
 ED Entered STN: 12 Mar 1998  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(4-butylphenyl)ethynyl]- (9CI) (CA  
 INDEX NAME)  
 MF C68 H62 N4  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 122 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 202148-42-3 REGISTRY  
ED Entered STN: 04 Mar 1998  
CN Benzenamine, 4,4'-[[15,20-bis[(4-nitrophenyl)ethynyl]-21H,23H-porphine-5,10-diyl]di-2,1-ethynediyl]bis- (9CI) (CA INDEX NAME)  
MF C52 H30 N8 O4  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER



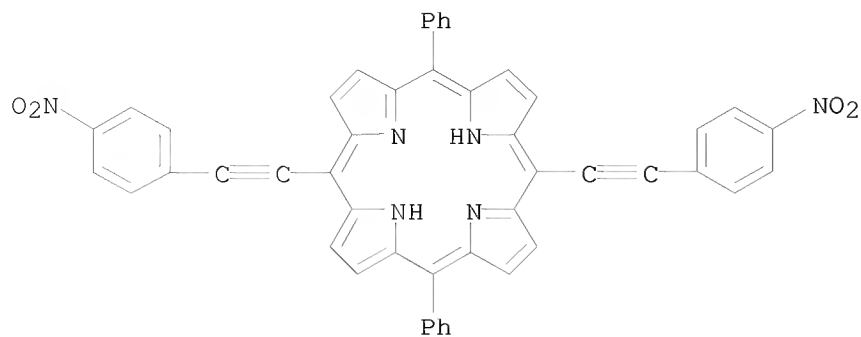
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 123 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 199394-07-5 REGISTRY  
ED Entered STN: 06 Jan 1998  
CN 21H,23H-Porphine, 5,15-bis[(4-nitrophenyl)ethynyl]-10,20-diphenyl- (9CI)  
(CA INDEX NAME)

OTHER NAMES:

CN 5,15-Bis[(4'-nitrophenyl)ethynyl]-10,20-diphenylporphine  
MF C48 H28 N6 O4  
SR CA  
LC STN Files: CA, CAPLUS

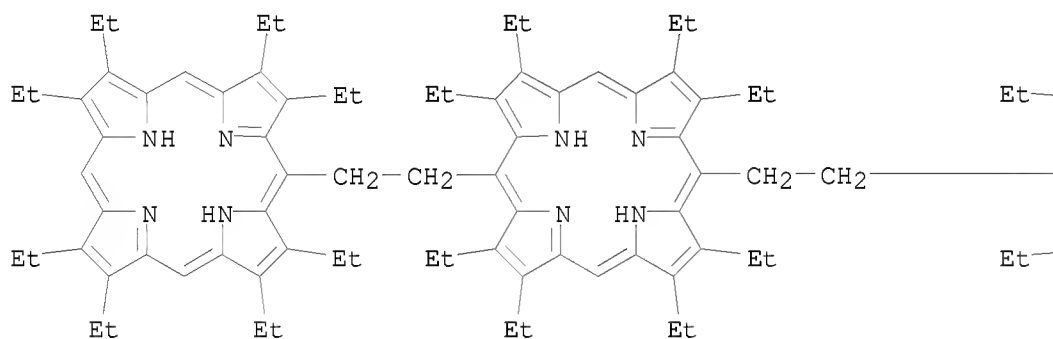


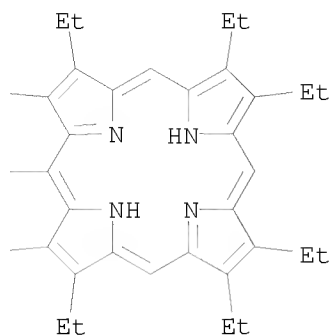
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 124 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 194660-12-3 REGISTRY  
ED Entered STN: 30 Sep 1997  
CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethyl]- (CA INDEX NAME)  
MF C112 H142 N12  
SR CA  
LC STN Files: CA, CAPLUS

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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 125 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 194660-00-9 REGISTRY

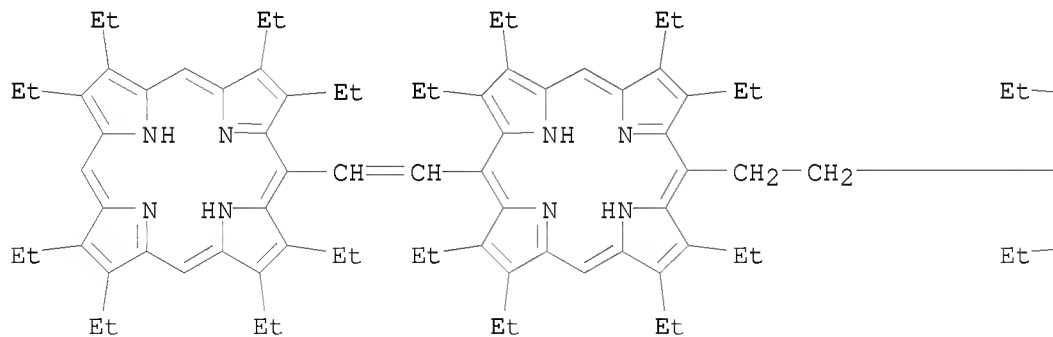
ED Entered STN: 30 Sep 1997

CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5-[2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]-15-[2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethyl]- (CA INDEX NAME)

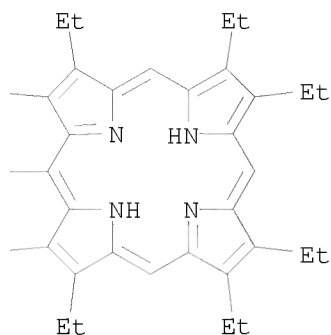
MF C112 H140 N12

SR CA

LC STN Files: CA, CAPLUS







\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 126 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 194659-92-2 REGISTRY

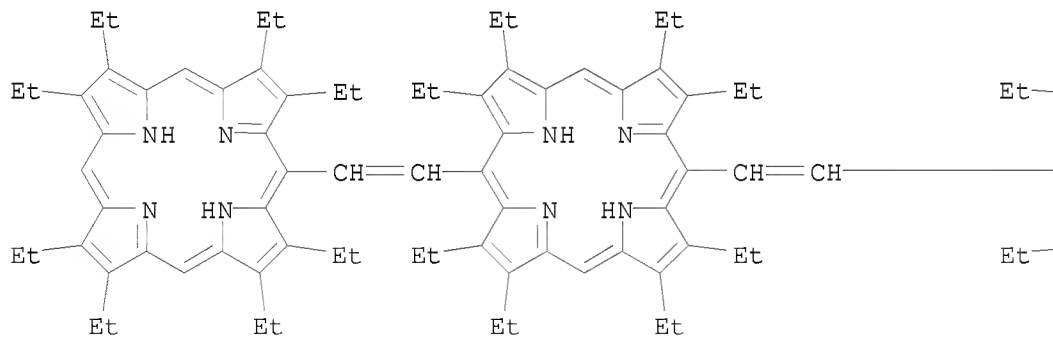
ED Entered STN: 30 Sep 1997

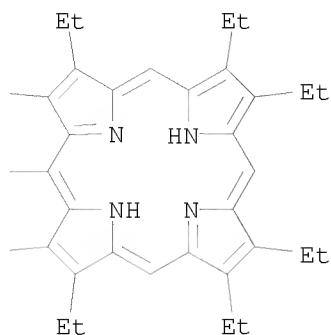
CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[2-(2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl]- (CA INDEX NAME)

MF C112 H138 N12

SR CA

LC STN Files: CA, CAPLUS

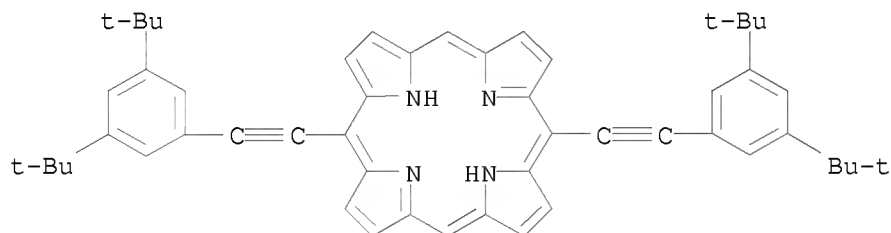




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

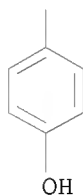
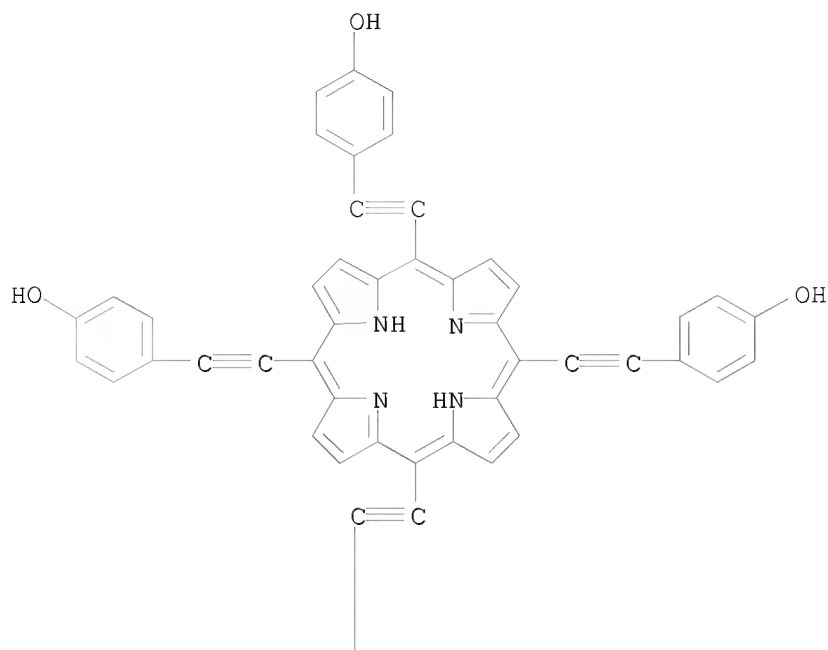
L14 ANSWER 127 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 192812-08-1 REGISTRY  
ED Entered STN: 20 Aug 1997  
CN 21H,23H-Porphine, 5,15-bis[[3,5-bis(1,1-dimethylethyl)phenyl]ethynyl]-  
(9CI) (CA INDEX NAME)  
MF C52 H54 N4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

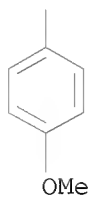
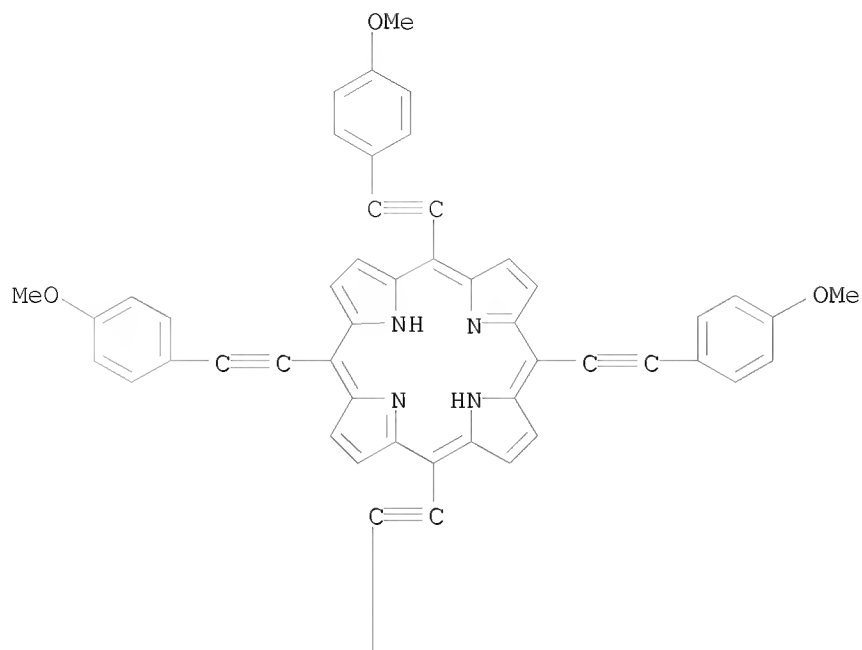
L14 ANSWER 128 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 192811-98-6 REGISTRY  
ED Entered STN: 20 Aug 1997  
CN Phenol, 4,4',4'',4'''-(21H,23H-porphinetetra-2,1-ethynediyl)tetrakis-  
(9CI) (CA INDEX NAME)  
MF C52 H30 N4 O4  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 129 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 192811-96-4 REGISTRY  
ED Entered STN: 20 Aug 1997  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(4-methoxyphenyl)ethynyl]- (9CI)  
(CA INDEX NAME)  
MF C56 H38 N4 O4  
SR CA  
LC STN Files: CA, CAPLUS

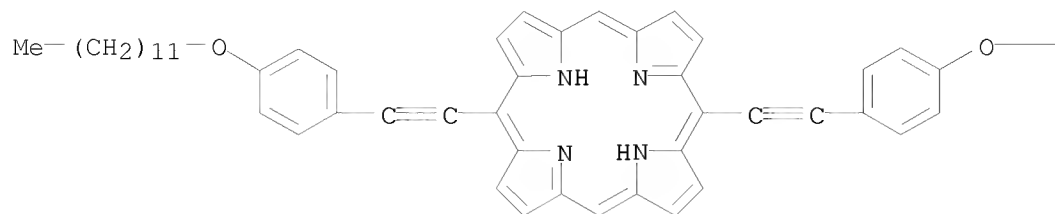


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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 130 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 192811-92-0 REGISTRY  
ED Entered STN: 20 Aug 1997  
CN 21H,23H-Porphine, 5,15-bis[[4-(dodecyloxy)phenyl]ethynyl]- (9CI) (CA  
INDEX NAME)  
MF C60 H70 N4 O2  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

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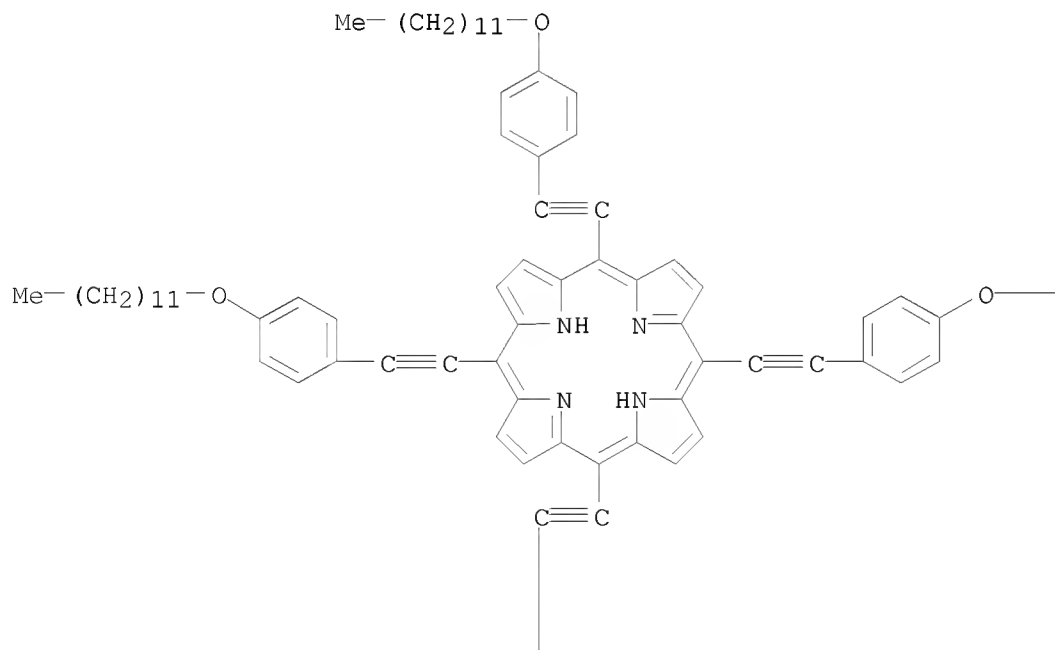
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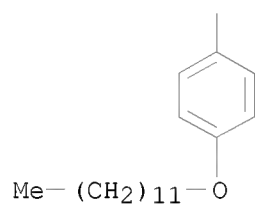
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 131 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 192811-86-2 REGISTRY  
ED Entered STN: 20 Aug 1997  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[[4-(dodecyloxy)phenyl]ethynyl]-  
(9CI) (CA INDEX NAME)  
MF C100 H126 N4 O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

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— (CH<sub>2</sub>)<sub>11</sub>—Me

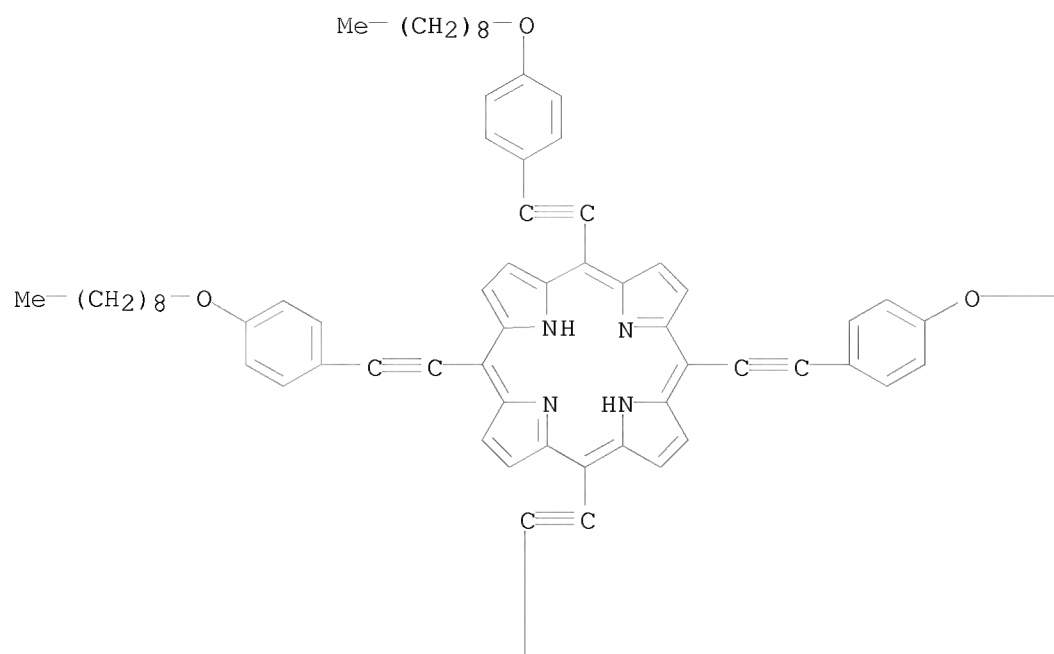


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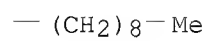
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 132 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 191589-09-0 REGISTRY  
ED Entered STN: 25 Jul 1997  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis[[4-(nonyloxy)phenyl]ethynyl]-,  
conjugate diacid (9CI) (CA INDEX NAME)  
MF C88 H102 N4 O4 . 2 H  
SR CA  
LC STN Files: CA, CAPLUS  
CRN (172546-48-4)

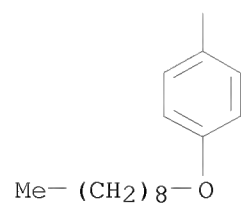
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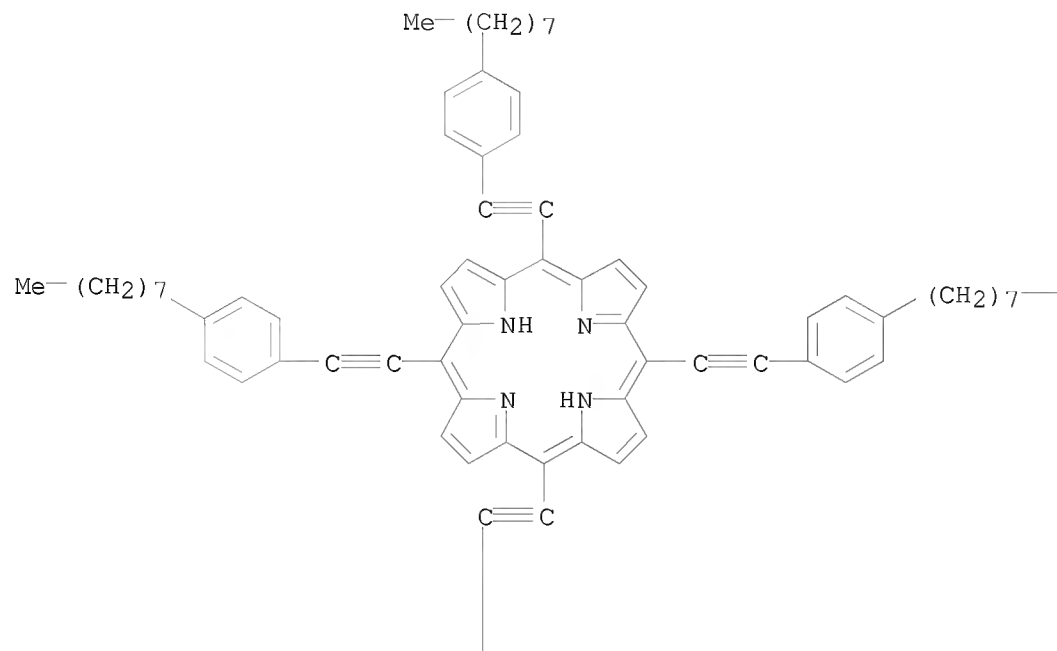


● 2  $\text{H}^+$

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 133 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 191589-08-9 REGISTRY  
 ED Entered STN: 25 Jul 1997  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(4-octylphenyl)ethynyl]-, conjugate  
 diacid (9CI) (CA INDEX NAME)  
 MF C84 H94 N4 . 2 H  
 SR CA  
 LC STN Files: CA, CAPLUS  
 CRN (172546-47-3)

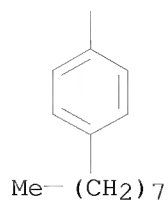
PAGE 1-A



PAGE 1-B

— Me



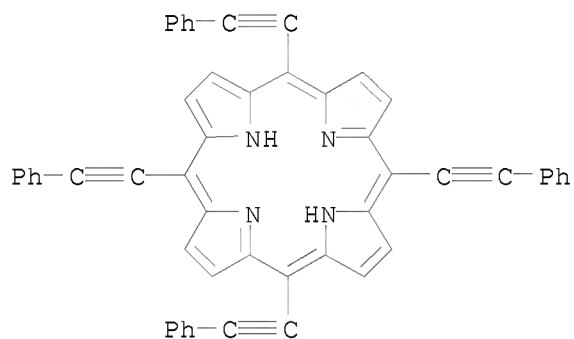


● 2 H<sup>+</sup>

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 134 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 191589-07-8 REGISTRY  
 ED Entered STN: 25 Jul 1997  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(phenylethynyl)-, conjugate diacid  
 (9CI) (CA INDEX NAME)  
 MF C52 H30 N4 . 2 H  
 SR CA  
 LC STN Files: CA, CAPLUS  
 CRN (142646-71-7)



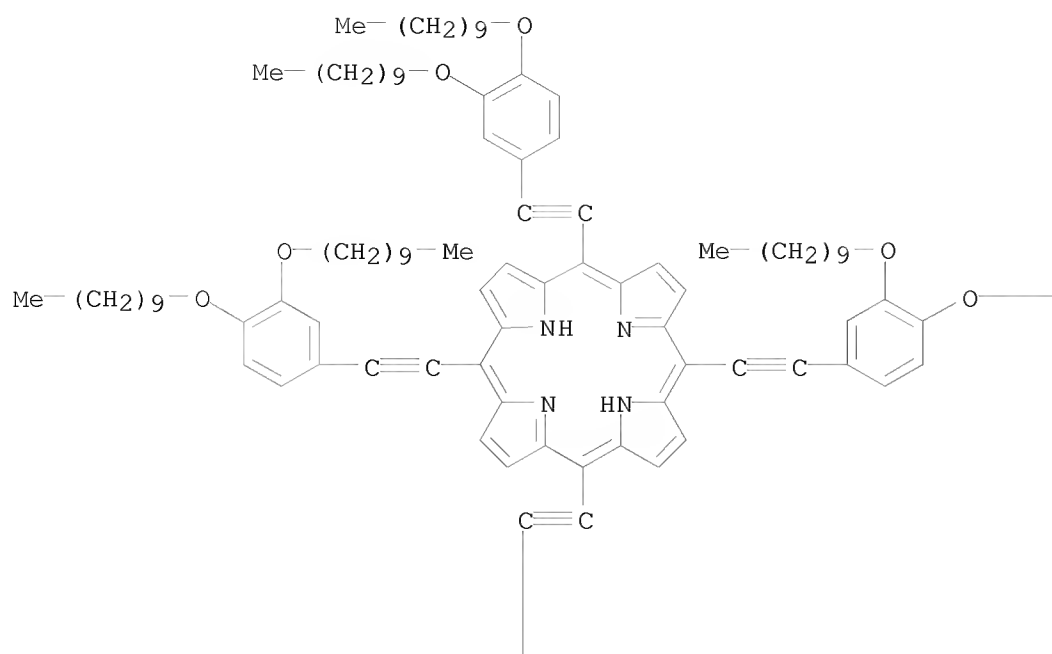
● 2 H<sup>+</sup>

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 135 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 189331-76-8 REGISTRY  
 ED Entered STN: 30 May 1997  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[[3,4-bis(decyloxy)phenyl]ethynyl]-  
 (9CI) (CA INDEX NAME)  
 MF C132 H190 N4 O8  
 SR CA  
 LC STN Files: CA, CAPLUS

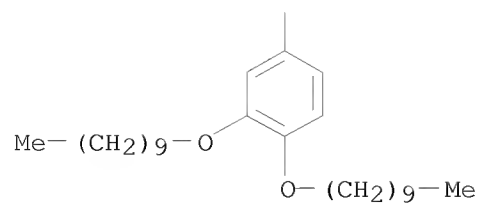
PAGE 1-A



PAGE 1-B

— (CH<sub>2</sub>)<sub>9</sub>—Me

PAGE 2-A

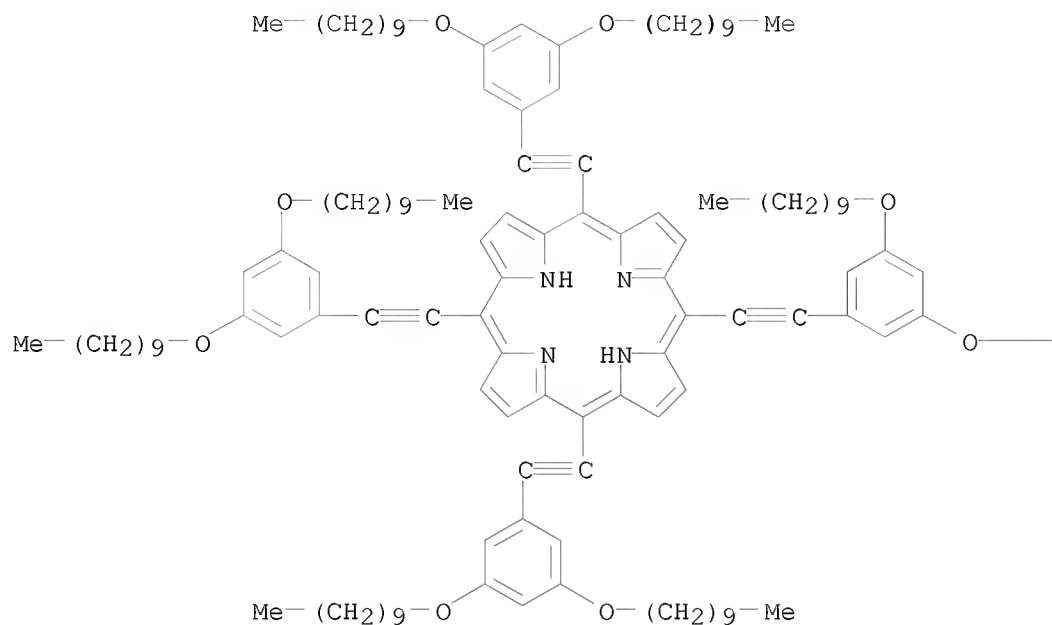


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 189331-75-7 REGISTRY  
 ED Entered STN: 30 May 1997  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[[3,5-bis(decyloxy)phenyl]ethynyl]-  
 (9CI) (CA INDEX NAME)  
 MF C132 H190 N4 O8  
 SR CA  
 LC STN Files: CA, CAPLUS

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PAGE 1-B

— (CH<sub>2</sub>)<sub>9</sub>—Me

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

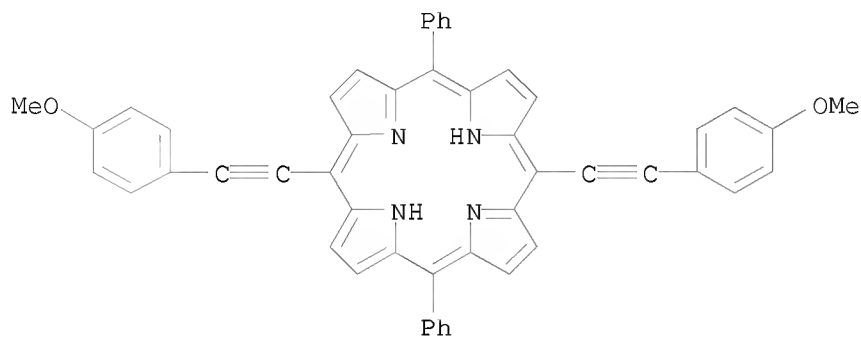
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 137 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 184099-48-7 REGISTRY  
 ED Entered STN: 18 Dec 1996

CN 21H,23H-Porphine, 5,15-bis[(4-methoxyphenyl)ethynyl]-10,20-diphenyl-,  
 compd. with trichloromethane (1:2) (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Methane, trichloro-, compd. with 5,15-bis[(4-methoxyphenyl)ethynyl]-10,20-  
 diphenyl-21H,23H-porphine (2:1) (9CI)  
 MF C50 H34 N4 O2 . 2 C H Cl3  
 SR CA  
 LC STN Files: CA, CAPLUS

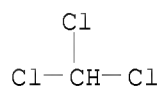
CM 1

CRN 184099-47-6  
 CMF C50 H34 N4 O2



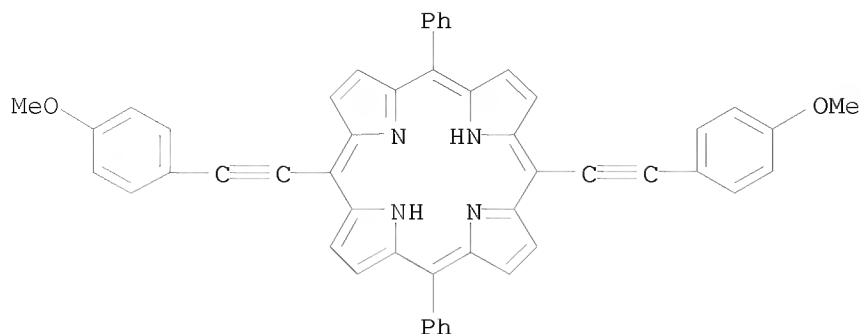
CM 2

CRN 67-66-3  
 CMF C H Cl3



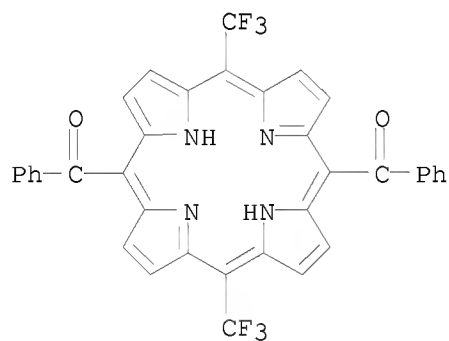
1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 138 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 184099-47-6 REGISTRY  
 ED Entered STN: 18 Dec 1996  
 CN 21H,23H-Porphine, 5,15-bis[(4-methoxyphenyl)ethynyl]-10,20-diphenyl- (9CI)  
 (CA INDEX NAME)  
 MF C50 H34 N4 O2  
 CI COM  
 SR CA



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

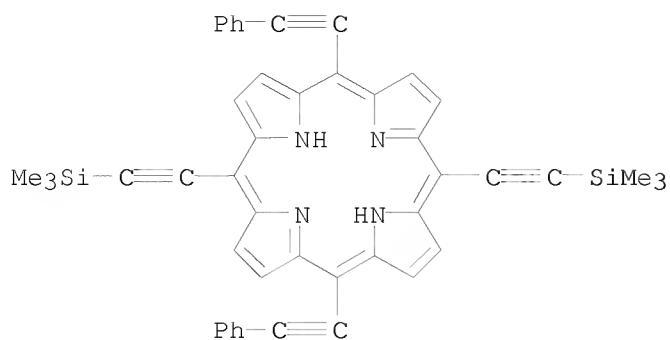
L14 ANSWER 139 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 183068-21-5 REGISTRY  
 ED Entered STN: 14 Nov 1996  
 CN Methanone, 1,1'-[10,20-bis(trifluoromethyl)-21H,23H-porphine-5,15-diyl]bis[1-phenyl- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Methanone, [10,20-bis(trifluoromethyl)-21H,23H-porphine-5,15-diyl]bis[phenyl- (9CI)  
 MF C36 H20 F6 N4 O2  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 140 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 178939-94-1 REGISTRY  
 ED Entered STN: 31 Jul 1996  
 CN 21H,23H-Porphine, 5,15-bis(phenylethynyl)-10,20-bis[(trimethylsilyl)ethynyl]- (9CI) (CA INDEX NAME)  
 MF C46 H38 N4 Si2  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

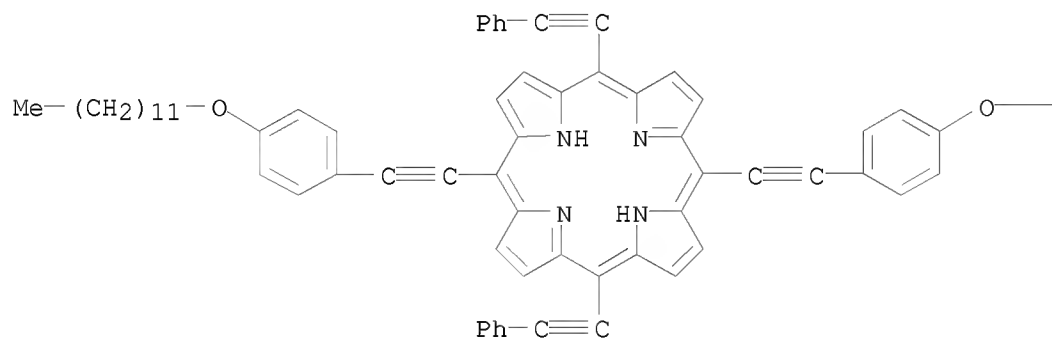


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 141 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 178939-89-4 REGISTRY  
ED Entered STN: 31 Jul 1996  
CN 21H,23H-Porphine, 5,15-bis[[4-(dodecyloxy)phenyl]ethynyl]-10,20-bis(phenylethynyl)-, conjugate diacid (9CI) (CA INDEX NAME)  
MF C76 H78 N4 O2 . 2 H  
SR CA  
LC STN Files: CA, CAPLUS  
CRN (178939-86-1)

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● 2 H<sup>+</sup>

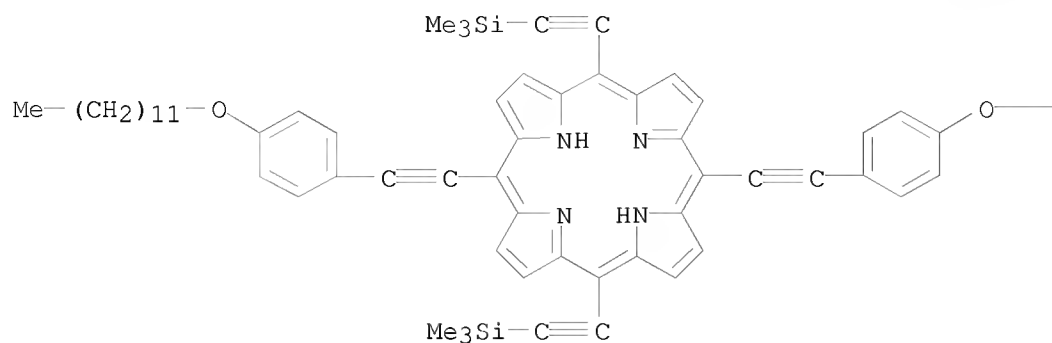
PAGE 1-B

— (CH<sub>2</sub>)<sub>11</sub>—Me

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 142 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 178939-87-2 REGISTRY  
 ED Entered STN: 31 Jul 1996  
 CN 21H,23H-Porphine, 5,15-bis[[4-(dodecyloxy)phenyl]ethynyl]-10,20-  
 bis[(trimethylsilyl)ethynyl]- (9CI) (CA INDEX NAME)  
 MF C70 H86 N4 O2 Si2  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

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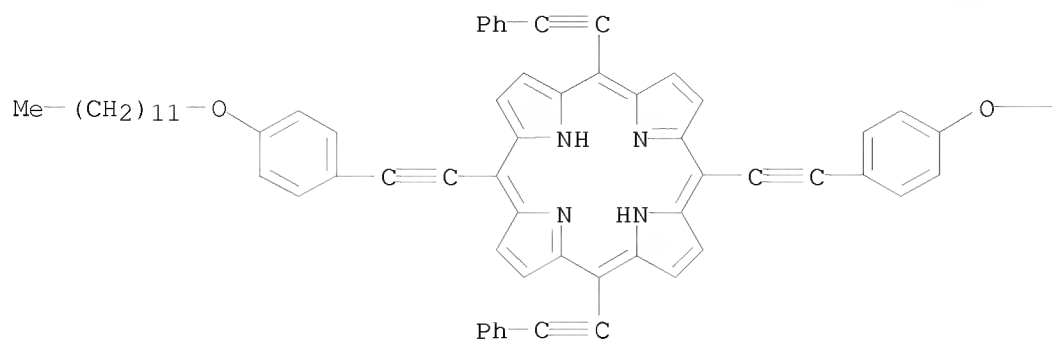
— (CH<sub>2</sub>)<sub>11</sub>—Me

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 143 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 178939-86-1 REGISTRY  
 ED Entered STN: 31 Jul 1996  
 CN 21H,23H-Porphine, 5,15-bis[[4-(dodecyloxy)phenyl]ethynyl]-10,20-  
 bis(phenylethynyl)- (9CI) (CA INDEX NAME)  
 MF C76 H78 N4 O2  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

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PAGE 1-B

— (CH<sub>2</sub>)<sub>11</sub>—Me

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 144 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 173104-99-9 REGISTRY

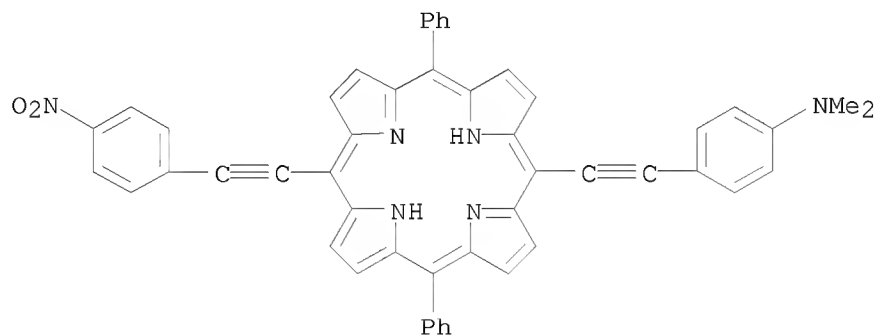
ED Entered STN: 09 Feb 1996

CN Benzenamine, N,N-dimethyl-4-[[15-[(4-nitrophenyl)ethynyl]-10,20-diphenyl-21H,23H-porphin-5-yl]ethynyl]- (9CI) (CA INDEX NAME)

MF C50 H34 N6 O2

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)

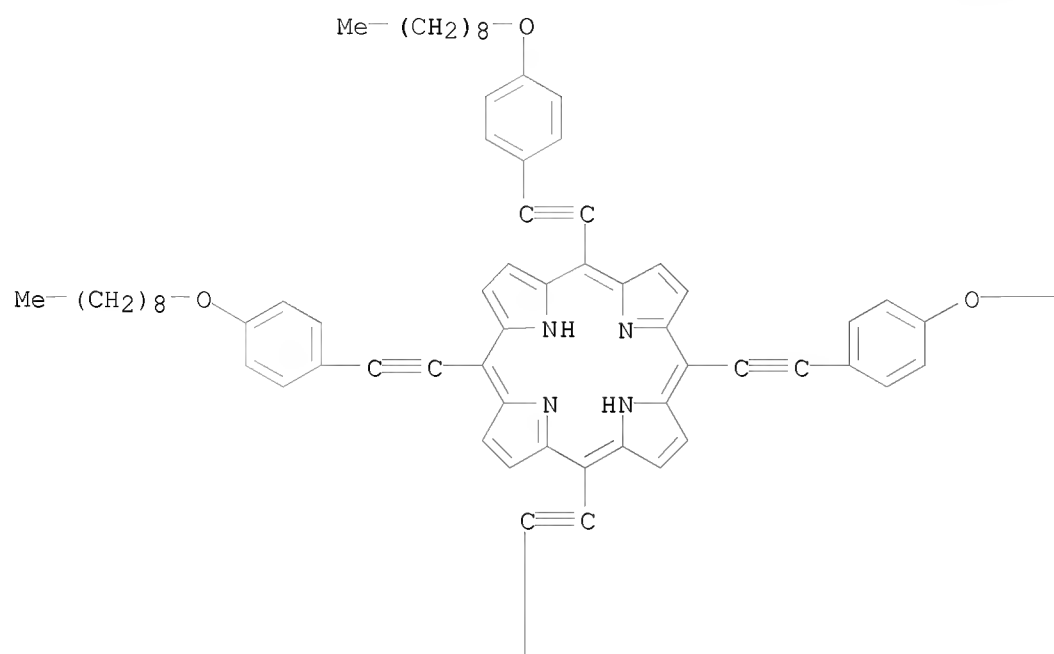
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 145 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN



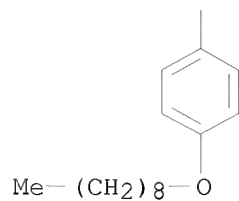
RN 172546-48-4 REGISTRY  
 ED Entered STN: 24 Jan 1996  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[[4-(nonyloxy)phenyl]ethynyl]- (9CI)  
 (CA INDEX NAME)  
 MF C88 H102 N4 O4  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT

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— (CH<sub>2</sub>)<sub>8</sub>—Me

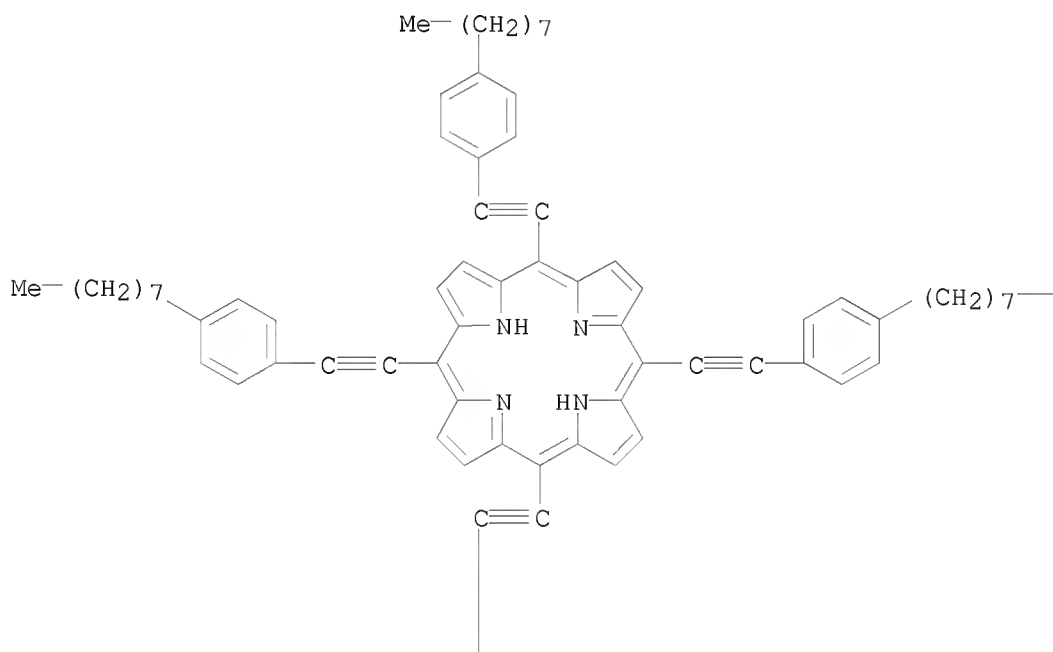


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

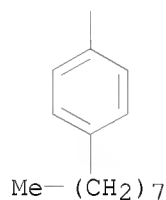
4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 146 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 172546-47-3 REGISTRY  
 ED Entered STN: 24 Jan 1996  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[(4-octylphenyl)ethynyl]- (9CI) (CA  
 INDEX NAME)  
 MF C84 H94 N4  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT



— Me



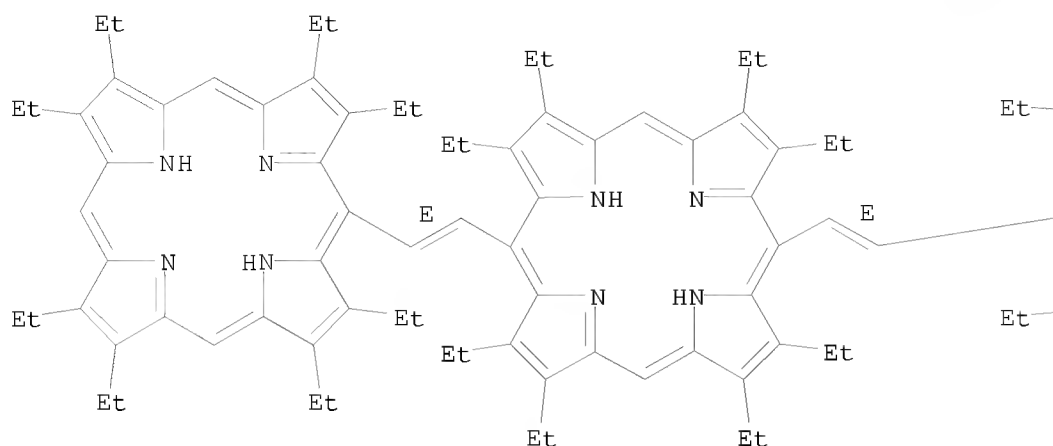
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3 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

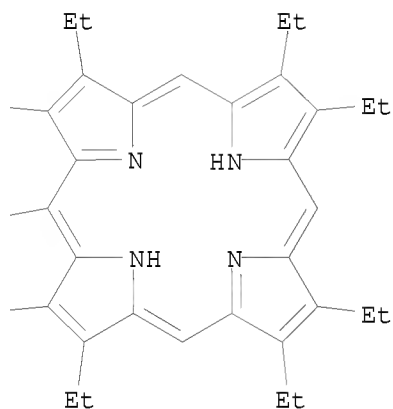
L14 ANSWER 147 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 166534-15-2 REGISTRY  
 ED Entered STN: 18 Aug 1995  
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[(1E)-2-(  
 (2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl)]-, (E,E)-  
 (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 21H,23H-Porphine, 2,3,7,8,12,13,17,18-octaethyl-5,15-bis[2-(  
 (2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphin-5-yl)ethenyl)]-, (E,E)-  
 FS STEREOSEARCH  
 MF C112 H138 N12  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Double bond geometry as shown.

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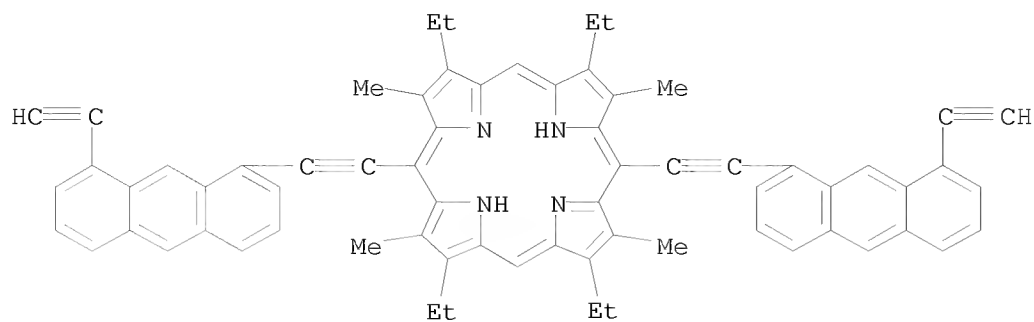
PAGE 1-B



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 148 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 157993-38-9 REGISTRY  
ED Entered STN: 29 Sep 1994  
CN 21H,23H-Porphine, 2,8,12,18-tetraethyl-5,15-bis[(8-ethynyl-1-anthracenyl)ethynyl]-3,7,13,17-tetramethyl- (9CI) (CA INDEX NAME)  
MF C68 H54 N4  
SR CA  
LC STN Files: CA, CAPLUS

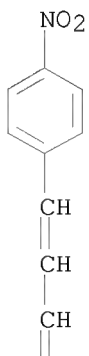


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

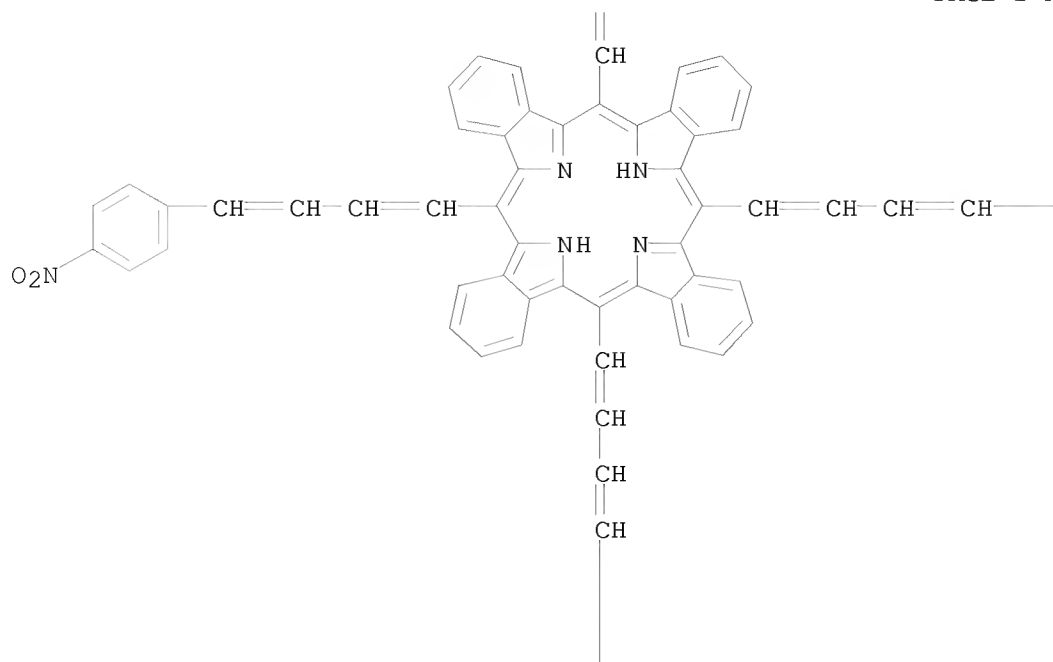
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 149 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 157247-09-1 REGISTRY  
ED Entered STN: 25 Aug 1994  
CN 29H,31H-Tetrabenzob[6,13,20,27-tetrakis[4-(4-nitrophenyl)-1,3-butadienyl]- (9CI) (CA INDEX NAME)  
MF C76 H50 N8 O8  
SR CA  
LC STN Files: CA, CAPLUS

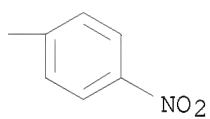
PAGE 1-A



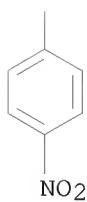
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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

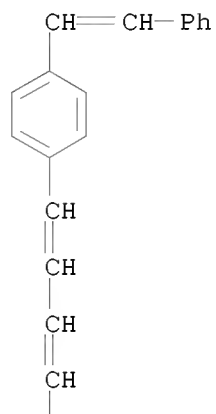
1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

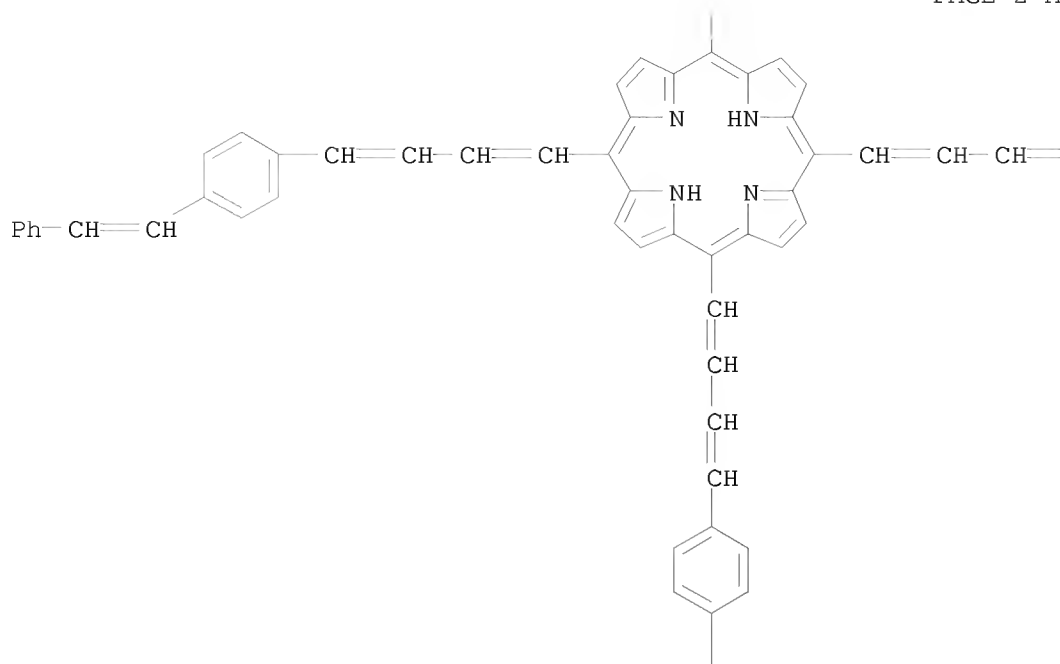
L14 ANSWER 150 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 157247-07-9 REGISTRY

ED Entered STN: 25 Aug 1994  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[4-[4-(2-phenylethenyl)phenyl]-1,3-butadien-1-yl]- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[4-[4-(2-phenylethenyl)phenyl]-1,3-butadienyl]- (9CI)  
 MF C92 H70 N4  
 SR CA  
 LC STN Files: CA, CAPLUS

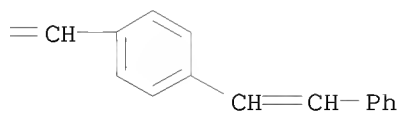
PAGE 1-A



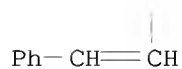
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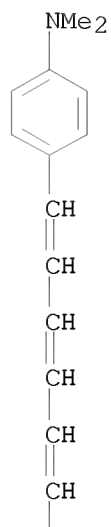
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

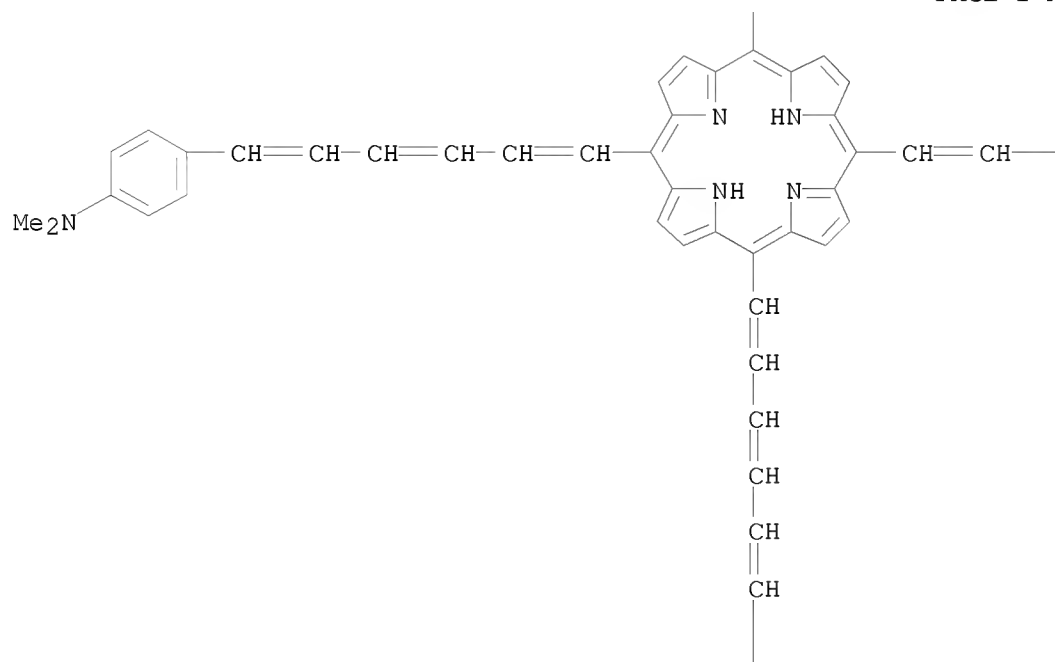
L14 ANSWER 151 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 157247-06-8 REGISTRY  
ED Entered STN: 25 Aug 1994  
CN Benzenamine, 4,4',4'',4'''-(21H,23H-porphine-5,10,15,20-tetrayltetra-1,3,5-hexatriene-6,1-diyl)tetrakis[N,N-dimethyl- (9CI) (CA INDEX NAME)  
MF C76 H74 N8  
SR CA  
LC STN Files: CA, CAPLUS

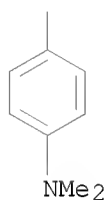
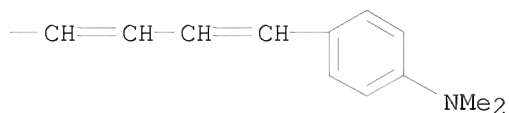


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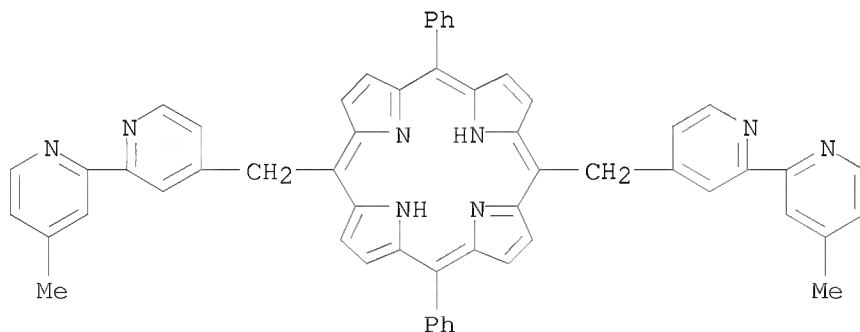




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 152 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 146985-17-3 REGISTRY  
ED Entered STN: 14 Apr 1993  
CN 21H,23H-Porphine, 5,15-bis[(4'-methyl[2,2'-bipyridin]-4-yl)methyl]-10,20-diphenyl- (CA INDEX NAME)  
MF C56 H42 N8  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

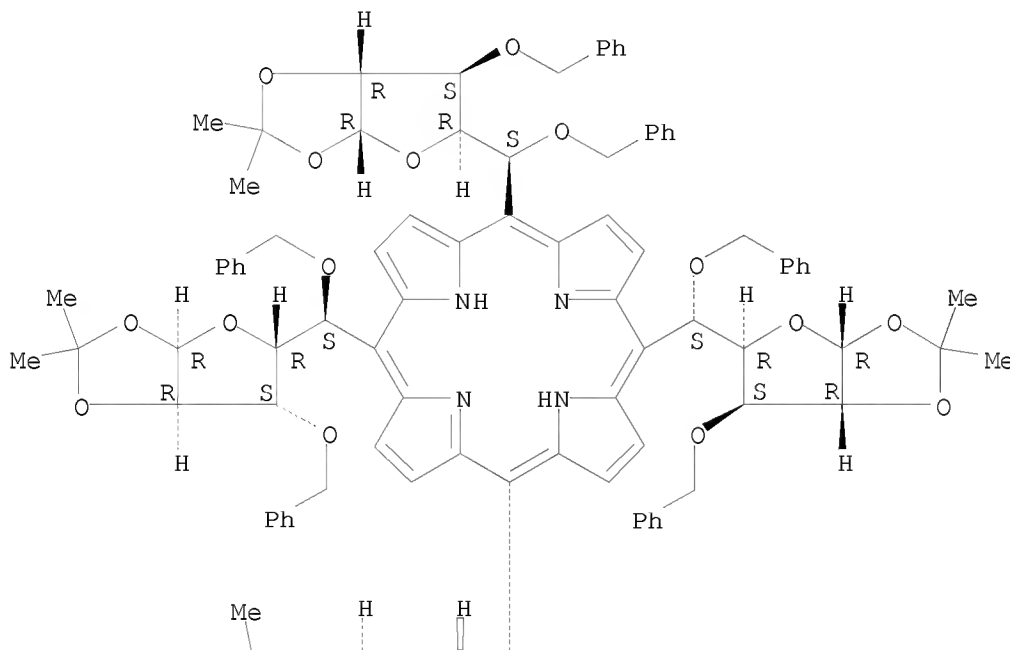
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 153 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 146176-88-7 REGISTRY

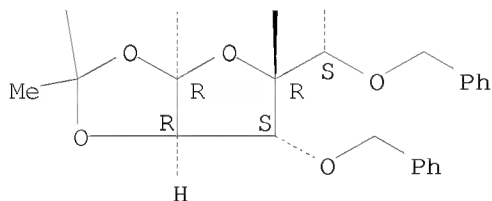
ED Entered STN: 25 Feb 1993  
 CN  $\alpha$ -D-Xylofuranose, 5,5',5'',5'''-C-21H,23H-porphine-5,10,15,20-tetrayltetrakis[1,2-O-(1-methylethylidene)-3,5-bis-O-(phenylmethyl)-, (5S,5'S,5''S,5'''S)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Furo[2,3-d]-1,3-dioxole,  $\alpha$ -D-xylofuranose deriv.  
 FS STEREOSEARCH  
 MF C108 H110 N4 O20  
 SR CA  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS  
 (\*File contains numerically searchable property data)

Absolute stereochemistry.

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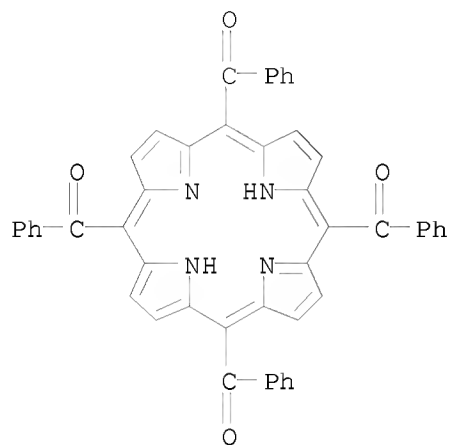


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 154 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 145362-98-7 REGISTRY  
 ED Entered STN: 15 Jan 1993

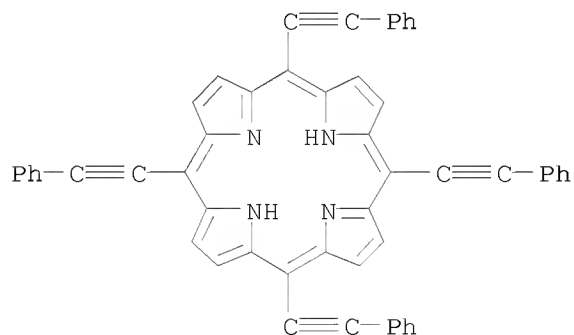
CN Methanone, 1,1',1'',1'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetrakis[1-phenyl- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Methanone, 21H,23H-porphine-5,10,15,20-tetrayltetrakis[phenyl- (9CI)  
 MF C48 H30 N4 O4  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

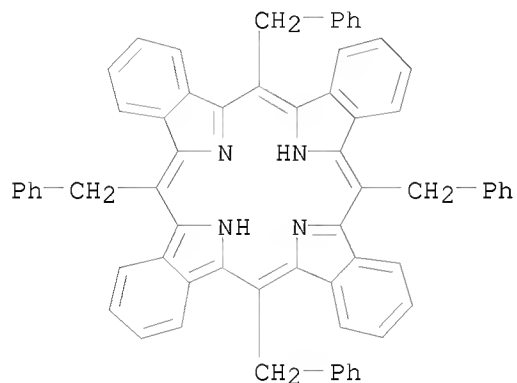
L14 ANSWER 155 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 142646-71-7 REGISTRY  
 ED Entered STN: 30 Jul 1992  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(phenylethynyl)- (9CI) (CA INDEX NAME)  
 MF C52 H30 N4  
 CI COM  
 SR CA  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMINFORMRX  
 (\*File contains numerically searchable property data)



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5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

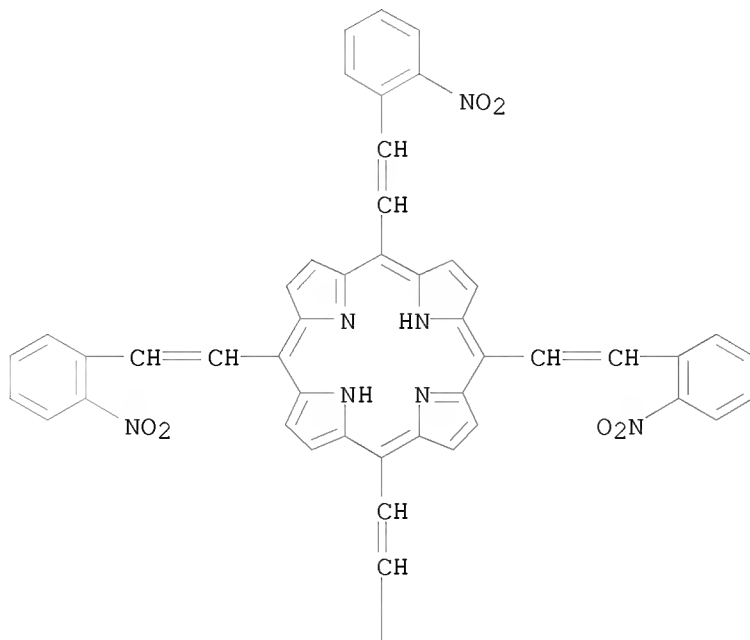
L14 ANSWER 156 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 128976-34-1 REGISTRY  
ED Entered STN: 24 Aug 1990  
CN 29H,31H-Tetrabenzo[b,g,l,q]porphine, 6,13,20,27-tetrakis(phenylmethyl)-  
(9CI) (CA INDEX NAME)  
MF C64 H46 N4  
SR CA  
LC STN Files: CA, CAPLUS



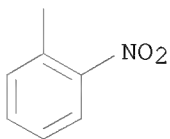
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 158 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 110452-11-4 REGISTRY  
 ED Entered STN: 27 Sep 1987  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis[2-(2-nitrophenyl)ethenyl]- (CA  
 INDEX NAME)  
 MF C52 H34 N8 O8  
 SR CA  
 LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 2-A

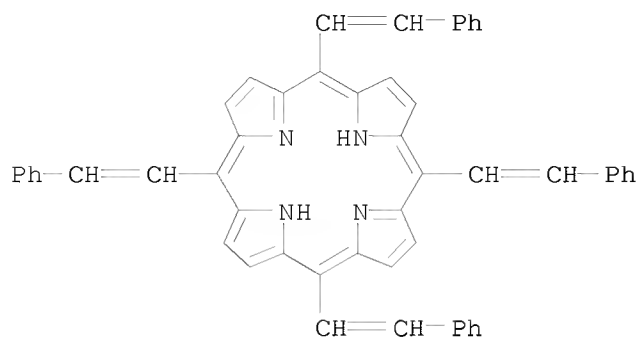


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
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L14 ANSWER 159 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 110452-10-3 REGISTRY  
 ED Entered STN: 27 Sep 1987  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2-phenylethenyl)- (CA INDEX NAME)  
 MF C52 H38 N4  
 SR CA  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT

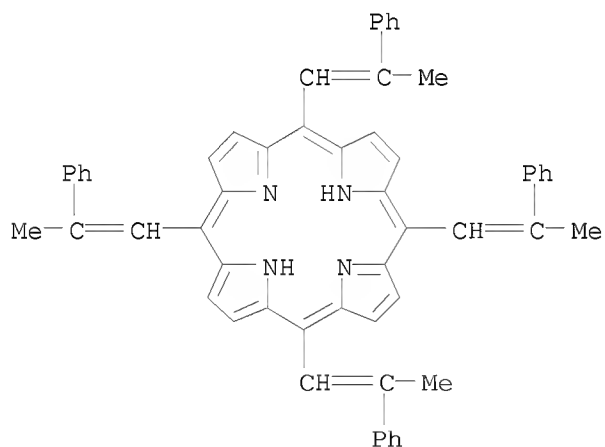
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 160 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 110452-09-0 REGISTRY  
ED Entered STN: 27 Sep 1987  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2-phenyl-1-propen-1-yl)- (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2-phenyl-1-propenyl)- (9CI)  
MF C56 H46 N4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

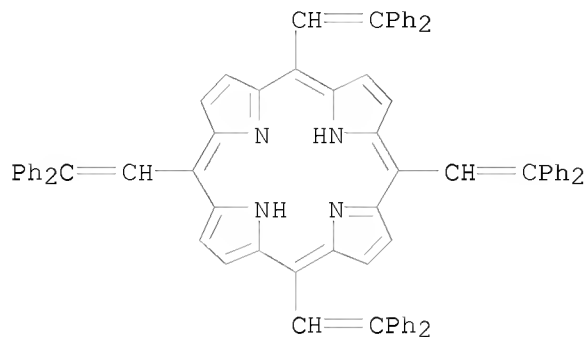


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1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 161 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 110452-08-9 REGISTRY  
ED Entered STN: 27 Sep 1987

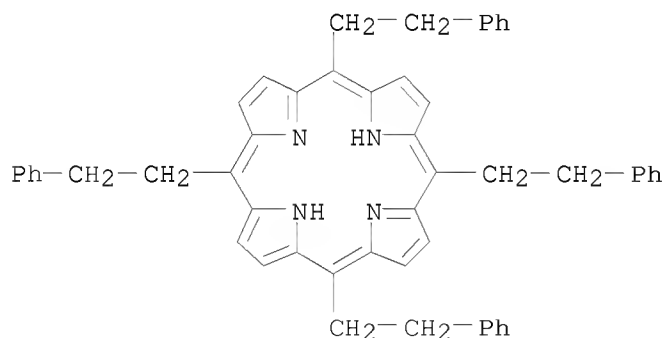
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2,2-diphenylethenyl)- (CA INDEX NAME)  
 MF C76 H54 N4  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT



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1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 162 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 106456-91-1 REGISTRY  
 ED Entered STN: 07 Feb 1987  
 CN 21H,23H-Porphine, 5,10,15,20-tetrakis(2-phenylethyl)- (CA INDEX NAME)  
 MF C52 H46 N4  
 SR CA  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT  
 (\*File contains numerically searchable property data)



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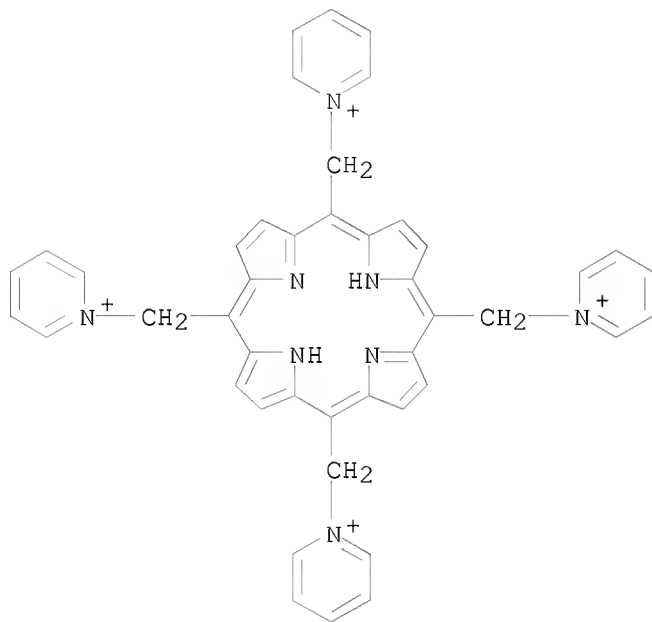
L14 ANSWER 163 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
 RN 80202-46-6 REGISTRY  
 ED Entered STN: 16 Nov 1984  
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NAME)  
MF C44 H38 N8 . 4 Cl O4  
LC STN Files: CA, CAPLUS

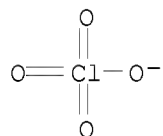
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CMF C44 H38 N8



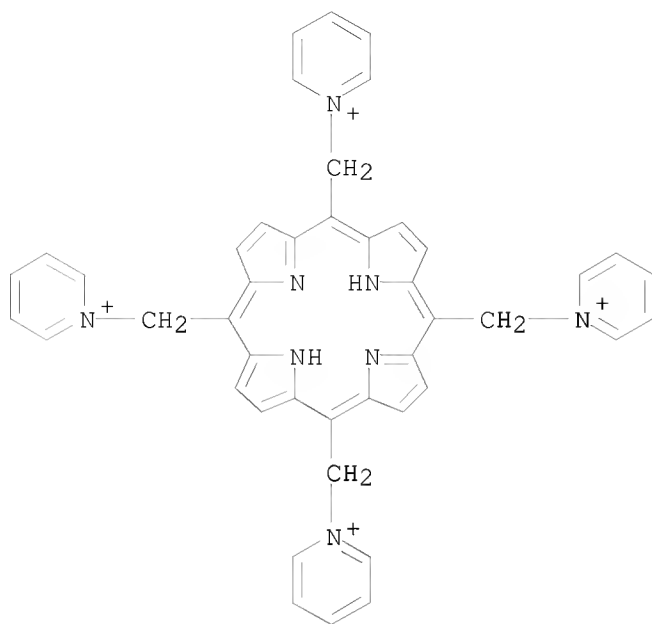
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CRN 14797-73-0  
CMF Cl O4



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 164 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 80202-45-5 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Pyridinium, 1,1',1'',1'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis- (9CI) (CA INDEX NAME)  
MF C44 H38 N8  
CI COM



L14 ANSWER 165 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 78920-94-2 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1-Butanaminium, N,N,N-tributyl-, 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[8-methyl-7,8-dicarbaundecaborate(4-)] (4:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 7,8-Dicarbaundecaborate(4-), 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[8-methyl-, tetrakis(N,N,N-tributyl-1-butanaminium) (9CI)

MF C36 H70 B36 N4 . 4 C16 H36 N

LC STN Files: CA, CAPLUS

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CRN 67542-61-4

CMF C36 H70 B36 N4

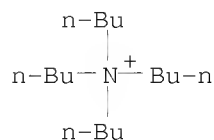
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CRN 10549-76-5

CMF C16 H36 N



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 166 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 67607-35-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN Methanaminium, N,N,N-trimethyl-, 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[decahydro-8-methyl-7,8-dicarbaundecaborate(4-)] (4:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 7,8-Dicarbaundecaborate(4-), 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[decahydro-8-methyl-, tetrakis(N,N,N-trimethylmethanaminium) (9CI)

MF C36 H70 B36 N4 . 4 C4 H12 N

LC STN Files: CA, CAPLUS

CM 1

CRN 67542-61-4

CMF C36 H70 B36 N4

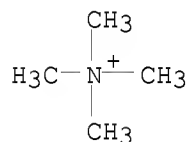
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\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

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CRN 51-92-3

CMF C4 H12 N



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 167 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN

RN 67542-66-9 REGISTRY

ED Entered STN: 16 Nov 1984

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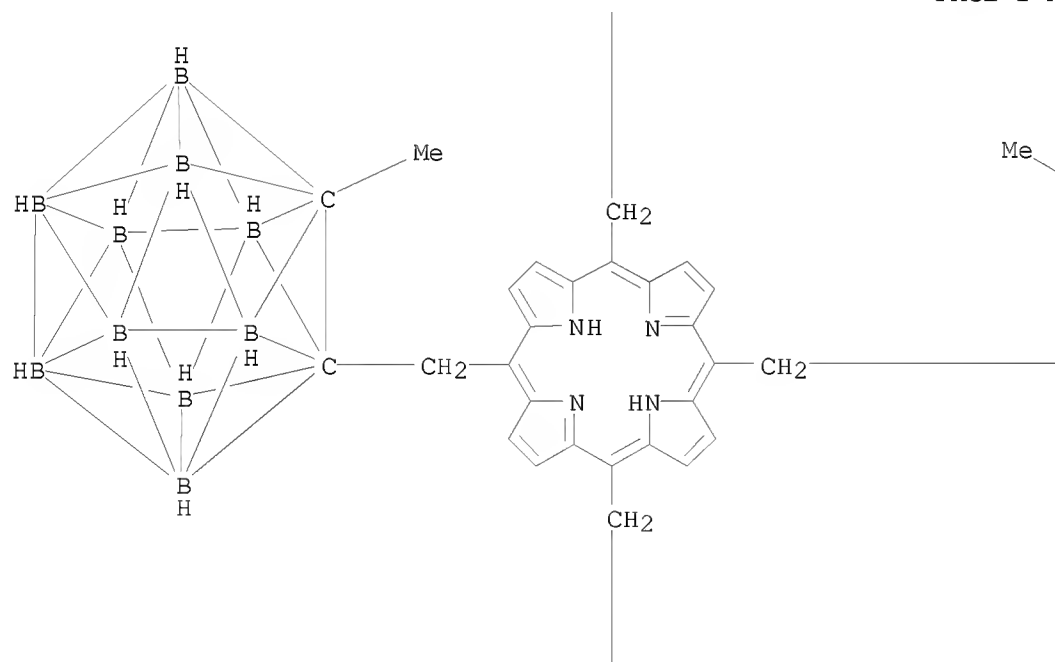
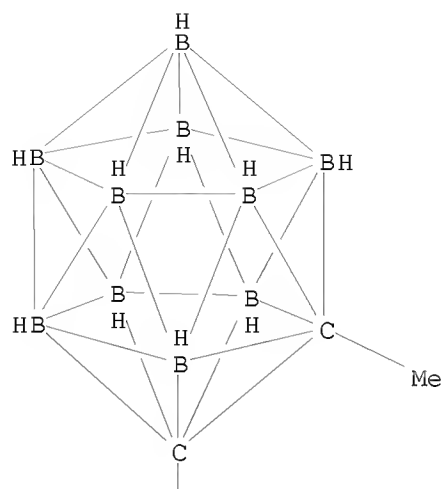
OTHER CA INDEX NAMES:

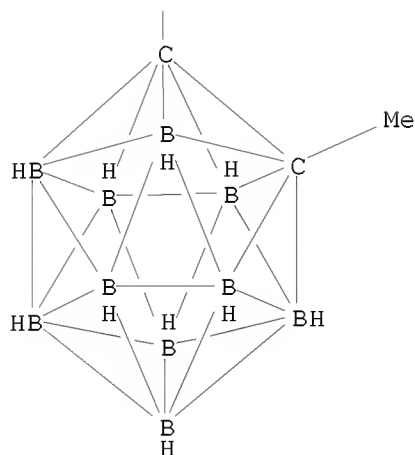
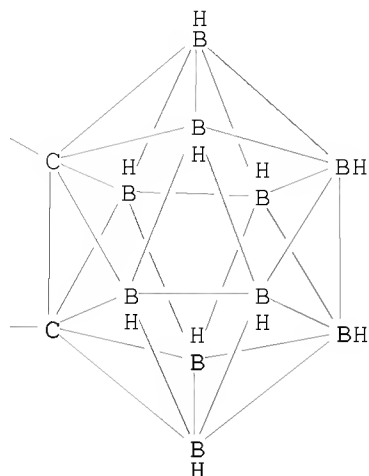
CN 1,2-Dicarbadodecaborane(12), 21H,23H-porphine deriv.

DR 78005-30-8

MF C36 H70 B40 N4

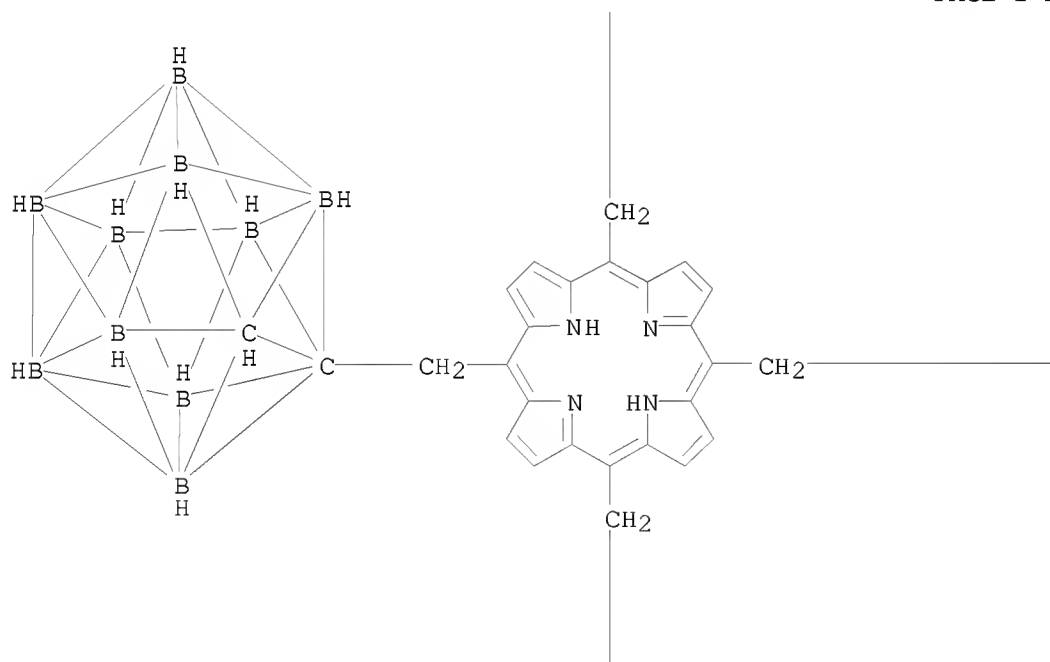
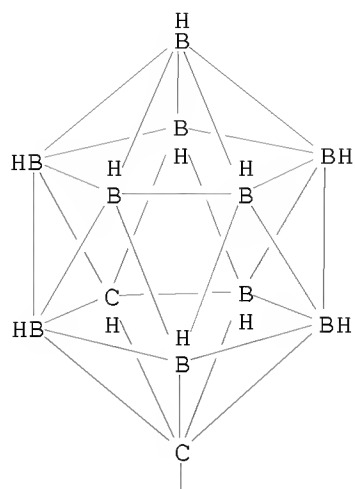
LC STN Files: CA, CAPLUS

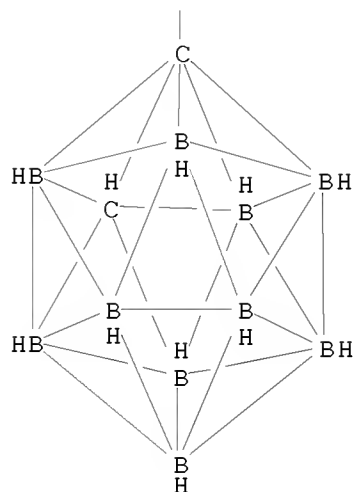
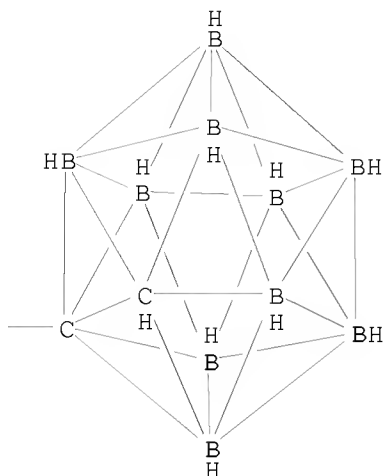




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L14 ANSWER 168 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 67542-65-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 21H,23H-Porphine, 5,10,15,20-tetrakis(1,2-dicarbadodecaboran(12)-1-ylmethyl)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
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MF C32 H62 B40 N4  
LC STN Files: CA, CAPLUS





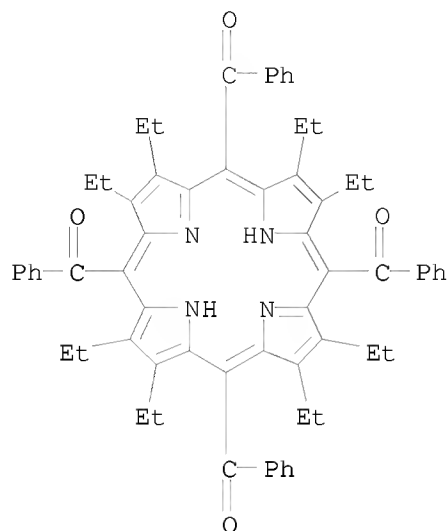
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L14 ANSWER 169 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 67542-61-4 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 7,8-Dicarbaundecaborate(4-), 7,7',7'',7'''-[21H,23H-porphine-5,10,15,20-tetrayltetrakis(methylene)]tetrakis[8-methyl- (9CI) (CA INDEX NAME)  
MF C36 H70 B36 N4  
CI CCS, COM

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

L14 ANSWER 170 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 63251-97-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Methanone, (2,3,7,8,12,13,17,18-octaethyl-21H,23H-porphine-5,10,15,20-tetrayl)tetrakis[phenyl- (9CI) (CA INDEX NAME)

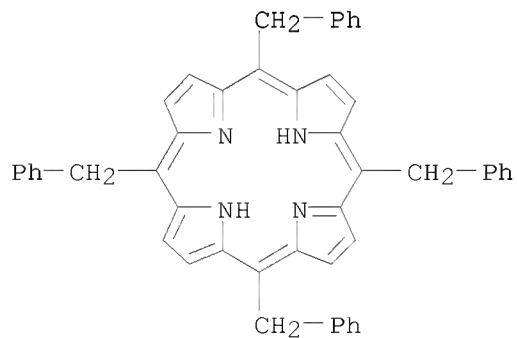
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LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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L14 ANSWER 171 OF 171 REGISTRY COPYRIGHT 2009 ACS on STN  
RN 36729-83-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
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OTHER NAMES:  
CN meso-Tetrabenzylporphyrin  
DR 98630-05-8  
MF C48 H38 N4  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMINFORMRX  
(\*File contains numerically searchable property data)



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7 REFERENCES IN FILE CA (1907 TO DATE)  
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)



=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	724.71	1289.77

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STRUCTURE FILE UPDATES: 29 SEP 2009 HIGHEST RN 1186580-18-6  
DICTIONARY FILE UPDATES: 29 SEP 2009 HIGHEST RN 1186580-18-6

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

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=> SET TERMSET E#

SET COMMAND COMPLETED

=> DEL SEL Y

=> SEL L14 158 RN

E1 THROUGH E1 ASSIGNED

=> S E1/RN

L15 1 110452-11-4/RN

=> SET TERMSET LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.58	1290.35

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FILE COVERS 1907 - 1 Oct 2009 VOL 151 ISS 14  
FILE LAST UPDATED: 30 Sep 2009 (20090930/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

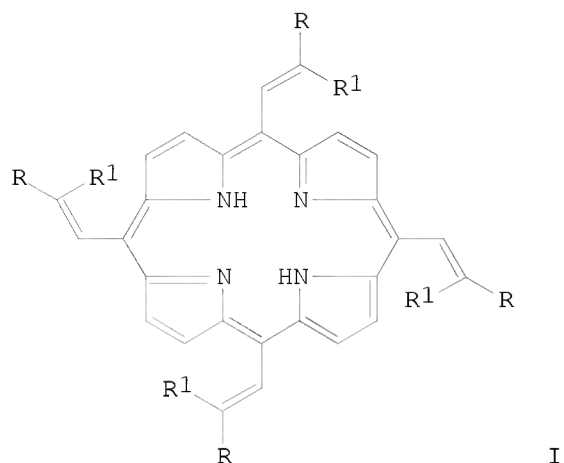
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=> S L15

L16 1 L15

=> DIS L16 1 IBIB IABS  
THE ESTIMATED COST FOR THIS REQUEST IS 3.00 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 1987:534098 CAPLUS  
DOCUMENT NUMBER: 107:134098  
ORIGINAL REFERENCE NO.: 107:21653a,21656a  
TITLE: Synthesis of meso-tetravinylporphyrins through  
1-selenoallyl cationic species  
AUTHOR(S): Hevesi, Laszlo; Renard, Michel; Proess, Gottfried  
CORPORATE SOURCE: Dep. Chem., Fac. Univ. Notre-Dame de la Paix, Namur,  
B-5000, Belg.  
SOURCE: Journal of the Chemical Society, Chemical  
Communications (1986), (23), 1725-7  
CODEN: JCCCAT; ISSN: 0022-4936  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 107:134098  
GRAPHIC IMAGE:



**ABSTRACT:**

meso-Tetravinylporphyrines, I (R = R1 = Me, Et, Ph, CHMe2; R = Me, R1 = Ph) were prepared in 9-28% yield regioselectively from RR1C:CHCH(SeMe)2 (II) and pyrrole in one-pot via AgClO4 generation of the 1-selenoallyl cation and DDQ oxidation of the intermediate porphyrinogens. The reaction failed with II (R = H, R1 = Ph, 2-O2NC6H4). The Cu complex of I (R = R1 = CHMe2) was obtained directly with Cu(OAc)2, II, and pyrrole.

OS.CITING REF COUNT: 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)

=> FIL STNGUIDE

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.82	-0.82

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 LAST RELOADED: Sep 25, 2009 (20090925/UP).

=> FIL CAPLUS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.35	1295.20
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

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FILE LAST UPDATED: 30 Sep 2009 (20090930/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
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	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 13:05:45 ON 01 OCT 2009